

# Visualforce Standard Components and Base Lightning Web Components Side by Side

If you're familiar with developing for Visualforce, developing Lightning web components can feel like a different world at first. To get started, use this table to find the equivalent base Lightning web component for a specific standard Visualforce component. One option is to replace each Visualforce component with its equivalent Lightning web component. But that's not always the best choice.

Converting Visualforce components to Lightning web components provides an opportunity to refine and improve your apps. So take a moment to evaluate the overall design and usability of each component and its equivalent. Work with your designer to decide on the best way to align your component with the more modern look and feel of the Lightning Experience user interface. For inspiration and some sample code, see the component blueprints provided in the [Lightning Design System](#).

| Visualforce component     | Lightning web component   |
|---------------------------|---|
| apex:pageBlock            | <a href="#">lightning-card</a>  |
| apex:pageBlockButtons     | Set actions slot on <a href="#">lightning-card</a>                                  |
| apex:pageBlockSection     | <a href="#">lightning-accordion</a> and <a href="#">lightning-accordion-section</a> |
| apex:pageBlockSectionItem | <a href="#">lightning-layout</a> and <a href="#">lightning-layout-item</a>          |
| apex:toolbarGroup         | <a href="#">lightning-layout</a> and <a href="#">lightning-layout-item</a>          |
| apex:panelGrid            | <a href="#">lightning-layout</a> and <a href="#">lightning-layout-item</a>          |
| apex:panelGroup           | <a href="#">lightning-layout</a> and <a href="#">lightning-layout-item</a>          |
| apex:tabPanel             | <a href="#">lightning-tabset</a>  |
| apex:tab                  | <a href="#">lightning-tab</a>   |
| apex:repeat               | <a href="#">template for:each</a> or <a href="#">iterator</a>                       |
| apex:pageBlockTable       | <a href="#">lightning-datatable</a>   |

| Visualforce component  | Lightning web component   |
|------------------------|---|
| apex:dataTable         | <a href="#">lightning-datatable</a>   |
| apex:inlineEditSupport | <a href="#">lightning-datatable</a> with inline editing in editable columns   |
| apex:image             | <a href="#">lightning-platform-resource-loader</a>  |
| apex:stylesheet        | <a href="#">lightning-platform-resource-loader</a>  |
| apex:includeScript     | <a href="#">lightning-platform-resource-loader</a>  |
| apex:map               | <a href="#">lightning-map</a>   |
| apex:form              | <a href="#">lightning-record-form</a><br><a href="#">lightning-record-view-form</a><br><a href="#">lightning-record-edit-form</a> |
| apex:input             | <a href="#">lightning-input</a><br><a href="#">lightning-slider</a>   |
| apex:inputCheckbox     | <a href="#">lightning-input</a> type="checkbox"<br><a href="#">lightning-input</a> type="checkbox-button"                         |
| apex:inputFile         | <a href="#">lightning-input</a> type="file"<br><a href="#">lightning-file-upload</a>  |
| apex:inputHidden       | <a href="#">lightning-input</a> class="slds-hide"   |
| apex:inputSecret       | <a href="#">lightning-input</a> type="password"   |
| apex:inputText         | <a href="#">lightning-input</a> type="text"   |
| apex:inputTextArea     | <a href="#">lightning-textarea</a>  |
| apex:inputField        | <a href="#">lightning-input-field</a>   |
| apex:selectCheckboxes  | <a href="#">lightning-checkbox-group</a>  |
| apex:selectList        | <a href="#">lightning-combobox</a> or<br><a href="#">lightning-dual-listbox</a>   |

| Visualforce component         | Lightning web component   |
|-------------------------------|---|
| apex:selectRadio              | <a href="#">lightning-radio-group</a>   |
| apex.outputLabel              | Set label attribute on <a href="#">lightning-input</a>  |
| apex:outputField              | <a href="#">lightning-output-field</a>  |
| apex:outputLink               | <a href="#">lightning-formatted-url</a>   |
| apex:outputText               | <a href="#">lightning-formatted-datetime</a><br><a href="#">lightning-formatted-number</a><br><a href="#">lightning-formatted-rich-text</a><br><a href="#">lightning-formatted-text</a><br><a href="#">lightning-formatted-time</a> |
| apex:commandButton            | <a href="#">lightning-button</a><br><a href="#">lightning-button-stateful</a><br><a href="#">lightning-button-icon</a><br><a href="#">lightning-button-icon-stateful</a>  |
| apex:commandLink              | <a href="#">lightning-button</a> with bare variant  |
| apex:pageMessage              | <a href="#">lightning-platform-show-toast-event</a>   |
| apex:messages<br>apex:message | Custom validity on <a href="#">lightning-input</a>  |
| apex:pageMessages             | Automatic for <a href="#">lightning-record-form</a><br><br>Use lightning-messages in <a href="#">lightning-record-view-form</a> or <a href="#">lightning-record-edit-form</a>   |