

Converting Colors

Hex(557B31)

Have a look what the booklet for
Hex(557B31) contains.

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Color

Hex(557B31)

Conversions

Conversions Part 1

Format	Color
Hex	557B31
RGB	85, 123, 49
RGB Percent	33%, 48%, 19%
CMY	0.6667, 0.5176, 0.8078
CMYK	0.31, 0.00, 0.60, 0.52
HSL	91°, 43%, 34%
HSV	91°, 60%, 48%
XYZ	11.3836, 16.3190, 5.4556
YIQ	103.2020, 1.1060, -31.0700

Conversions

Conversions Part 2

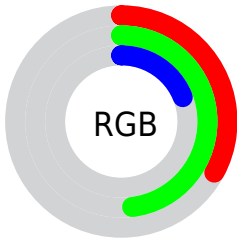
Format	Color
RYB	49, 123, 87
Decimal	5602097
CIELab	47.39, -26.77, 35.56
CIELCh	47, 44.512, 126.973
Yxy	16.3190, 0.3433, 0.4922
Android (android.graphics.Color)	4283792177 (0xFF557B31)
YUV	103.2020, -26.7216, -15.9632
Hunter-Lab	40.3967, -20.3937, 20.2705

Details

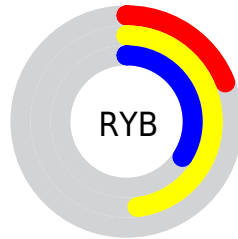
The Hex color **557B31** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **57317B**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **89B062**, and **234A00** is the 20% darker color. If you saturate the color by 10%, you get **4F7B25**, and if you desaturate by 10%, it is **5B7B3D**.

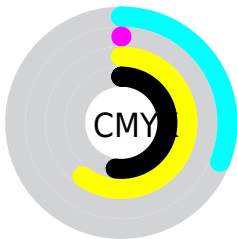
Distribution



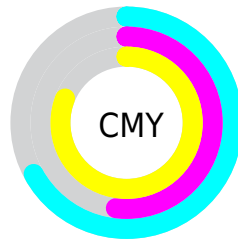
- Red (33%)
- Green (48%)
- Blue (19%)



- Red (19%)
- Yellow (48%)
- Blue (34%)



- Cyan (31%)
- Magenta (0%)
- Yellow (60%)
- Black (52%)



- Cyan (67%)
- Magenta (52%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 557B31 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 557B31 by changing the saturation by 10% instead.

 557B31

 557B31

FFFFFF

 3C6219

 89B062

 234A00

 A4CB7C

 0A3300

 C0E896

 002000

 DCFFB1

 000000

 F9FFCD

 FFFFE9

 557B31

 557B31

 4F7B25

 5B7B3D

■ 487B18

■ 627B4A

■ 427B0C

■ 687B56

■ 3C7B00

■ 6E7B62

■ 757B6F

■ 7B7B7B

■ 817B87

■ 887B93

■ 8E7BA0

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



7D7120



557B31



108152

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



557B31



007CB5



B54E69

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



557B31



57317B

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



A5548E



557B31



3672BB

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



557B31



00829C



7E63AD



B05645

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



557B31



00826B



7E63AD



B24F76

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



557B31



92A184



7B5631



485240



D1D1D1



525252

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



557B31



65A12D



317B31



3A3D37



3D7D00



7BFC00

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



57317B



682DA1



7B317B



3A373D



40007D



8200FC

Previews

White Background



This preview shows how the Hex color 557B31 looks on a white background.

Color Contrast Check

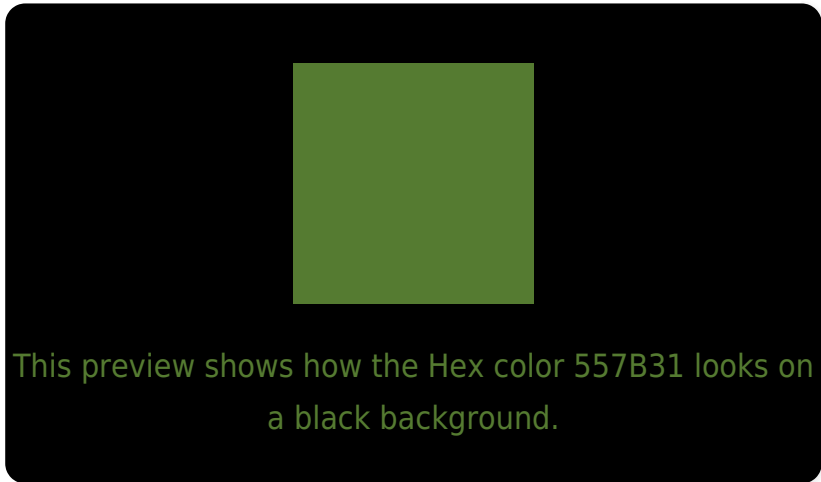
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

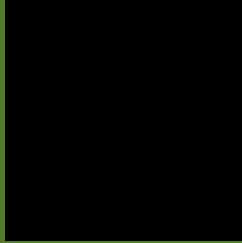
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 557B31 Background



This preview shows how black text looks on a background with the Hex color 557B31.



This preview shows how white text looks on a background with the Hex color 557B31.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
557B31

Protanopia
7D702E

Deuteranopia
8A6B36



Tritanopia
60737D

Trichromacy



Original Color
557B31

Protanomaly
6E742F

Deuteranomaly
777134

Tritanomaly
5C7661

Monochromacy



Original Color
557B31

Achromatopsia
676767

Achromatomaly
606E53

CSS Examples

Text

The CSS property to change the color of the text to Hex 557B31 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #557B31 looks like.

```
.text, #text, p{  
    color:#557B31  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #557B31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #557B31
}
```

Border

The CSS property to change the border of an element to Hex 557B31 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#557B31 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#557B31 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #557B31 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #557B31; -webkit-box-shadow:4px 4px  
4px 4px #557B31; box-shadow:4px 4px 4px  
4px #557B31 }
```

Background

The CSS property to change the background color of an element to Hex 557B31 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#557B31 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#557B31 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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