

# Converting Colors

Hex(557C1D)

Have a look what the booklet for  
Hex(557C1D) contains.

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**Color**

**Hex(557C1D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	557C1D
RGB	85, 124, 29
RGB Percent	33%, 49%, 11%
CMY	0.6667, 0.5137, 0.8863
CMYK	0.31, 0.00, 0.77, 0.51
HSL	85°, 62%, 30%
HSV	85°, 77%, 49%
XYZ	11.1757, 16.4353, 3.7457
YIQ	101.5090, 7.2510, -37.8130

# Conversions

## Conversions Part 2

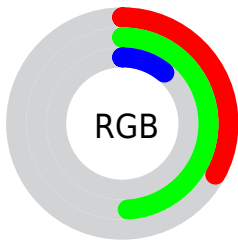
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	29, 124, 68
Decimal	5602333
CIE <sub>Lab</sub>	47.54, -28.93, 44.51
CIE <sub>LCh</sub>	48, 53.082, 123.023
Yxy	16.4353, 0.3564, 0.5241
Android (android.graphics.Color)	4283792413 (0xFF557C1D)
YUV	101.5090, -35.7469, -14.4784
Hunter-Lab	40.5405, -21.7390, 22.9003

# Details

The Hex color **557C1D** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **441D7C**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **8AB150**, and **224B00** is the 20% darker color. If you saturate the color by 10%, you get **507C11**, and if you desaturate by 10%, it is **5A7C29**.

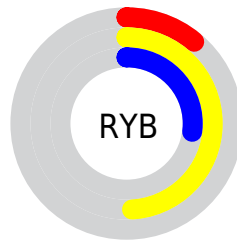
# Distribution



Red (33%)

Green (49%)

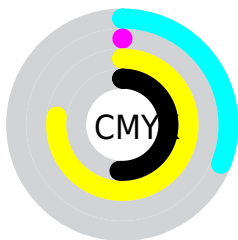
Blue (11%)



Red (11%)

Yellow (49%)

Blue (27%)

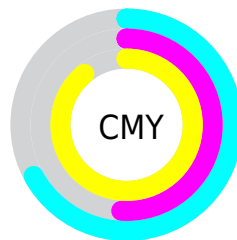


Cyan (31%)

Magenta (0%)

Yellow (77%)

Black (51%)



Cyan (67%)

Magenta (51%)

Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 557C1D 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 557C1D by changing the saturation by 10% instead.



 557C1D

 557C1D

FFFFFF

 3B6300

 8AB150

 224B00

 A5CC6A

 033400

 C1E984

 002000

 DEFF9F

 000000

 FBFFBB

 FFFFD7

 FFFFF4

 557C1D

 557C1D

■ 507C11

■ 5A7C29

■ 4B7C04

■ 5F7C36

■ 497C00

■ 647C42

■ 697C4F

■ 6E7C5B

■ 747C67

■ 797C74

■ 7E7C80

■ 837C8D

# Harmonies

## Analogous

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



837003



557C1D



008346

# Triad

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



557C1D



0080C0



C0446E

# Complementary

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



557C1D



441D7C

# 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.



AA4F9A



557C1D



0075CA

# Square

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



557C1D



0085A0



7763BC



BD4D43

# Rectangle

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



557C1D



008564



7763BC



BB467D



# Sweetspot

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



557C1D



91A17C



7C431D



48523B



D1D1D1



525252



# Same Dimension

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



557C1D



64A10D



277C1D



3B3D37



4A7D00



95FC00



# Inverse Universe

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



441D7C



4A0DA1



731D7C



3A373D



33007D



6800FC



# Previews

## White Background



This preview shows how the Hex color 557C1D looks on a white background.

## Color Contrast Check

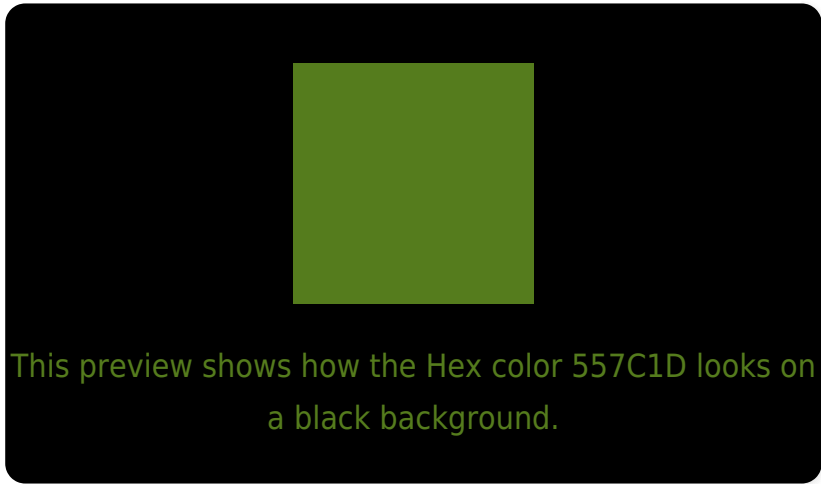
Large Text (above 18pt) WCAG AA ✓ Pass

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

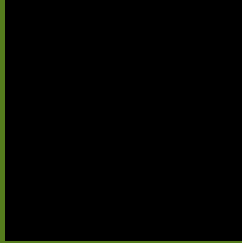
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 557C1D Background



This preview shows how black text looks on a background with the Hex color 557C1D.



This preview shows how white text looks on a background with the Hex color 557C1D.

# 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**  
557C1D

**Protanopia**  
7E711A

**Deuteranopia**  
8D6B25



**Tritanopia**  
61747D

# Trichromacy



**Original Color**  
557C1D

**Protanomaly**  
6F751B

**Deuteranomaly**  
797122

**Tritanomaly**  
5D775A

# Monochromacy



**Original Color**  
557C1D

**Achromatopsia**  
666666

**Achromatomaly**  
606E4B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 557C1D 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 #557C1D looks like.

```
.text, #text, p{  
    color:#557C1D  
}
```

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 #557C1D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #557C1D
}
```

## Border

The CSS property to change the border of an element to Hex 557C1D 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
#557C1D }
```

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

```
.border{ border-color:#557C1D }
```

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

Here you see how a box with a 4 pixel #557C1D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #557C1D; -webkit-box-shadow:4px 4px  
4px 4px #557C1D; box-shadow:4px 4px 4px  
4px #557C1D }
```

# Background

The CSS property to change the background color of an element to Hex 557C1D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#557C1D }
```

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

```
.background{ background-color:#557C1D }
```

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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