

Converting Colors

Hex(581B0E)

Have a look what the booklet for
Hex(581B0E) contains.

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Color

Hex(581B0E)

Conversions

Conversions Part 1

Format	Color
Hex	581B0E
RGB	88, 27, 14
RGB Percent	35%, 11%, 5%
CMY	0.6549, 0.8941, 0.9451
CMYK	0.00, 0.69, 0.84, 0.65
HSL	11°, 73%, 20%
HSV	11°, 84%, 35%
XYZ	4.4957, 2.8903, 0.7364
YIQ	43.7570, 40.5290, 8.8890

Conversions

Conversions Part 2

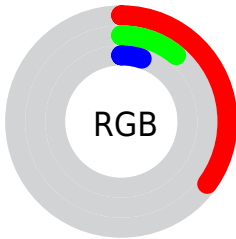
Format	Color
R_{YB}	88, 30, 14
Decimal	5774094
CIE Lab	19.60, 27.38, 23.26
CIE LCh	20, 35.925, 40.347
Yxy	2.8903, 0.5535, 0.3558
Android (android.graphics.Color)	4283964174 (0xFF581B0E)
YUV	43.7570, -14.6702, 38.8011
Hunter-Lab	17.0008, 17.4511, 9.3324

Details

The Hex color **581B0E** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **0E4B58**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **8F4A39**, and **270001** is the 20% darker color. If you saturate the color by 10%, you get **581405**, and if you desaturate by 10%, it is **582217**.

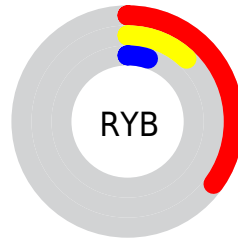
Distribution



Red (35%)

Green (11%)

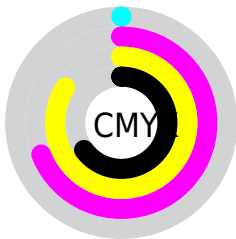
Blue (5%)



Red (35%)

Yellow (12%)

Blue (5%)

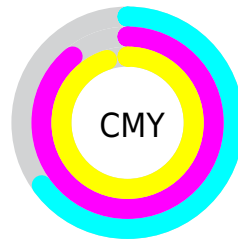


Cyan (0%)

Magenta (69%)

Yellow (84%)

Black (65%)



Cyan (65%)

Magenta (89%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 581B0E 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 581B0E by changing the saturation by 10% instead.

 581B0E

 581B0E

 FFFFEE

 3E0300

 8F4A39

 270001

 AB6350

 000000

 C87C68

 E59681

 FFB19B

 FFCDB6

 FFE9D2

 581B0E

 581B0E

■ 581405

■ 582217

■ 580F00

■ 582A20

■ 583128

■ 583831

■ 583F3A

■ 584743

■ 584E4C

■ 585554

■ 585C5D

Harmonies

Analogous

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



5D1128



581B0E



492800

Triad

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



581B0E



003A1D



003063

Complementary

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



581B0E



0E4B58

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.



003761



581B0E



003B38

Square

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



581B0E



153700



003A51



3B2458

Rectangle

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



581B0E



3B2E00



003A51



003364

Sweetspot

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



581B0E



735B56



580E4C



3B2C29



BABABA



3B3B3B

Same Dimension

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



581B0E



731400



583F0E



2B2827



6B1300



EB2900

Inverse Universe

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



0E4B58



005F73



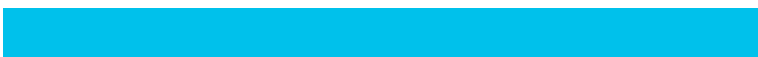
0E2758



272B2B



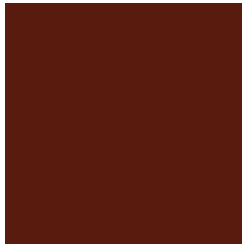
00586B



00C1EB

Previews

White Background



This preview shows how the Hex color 581B0E looks on a white background.

Color Contrast Check

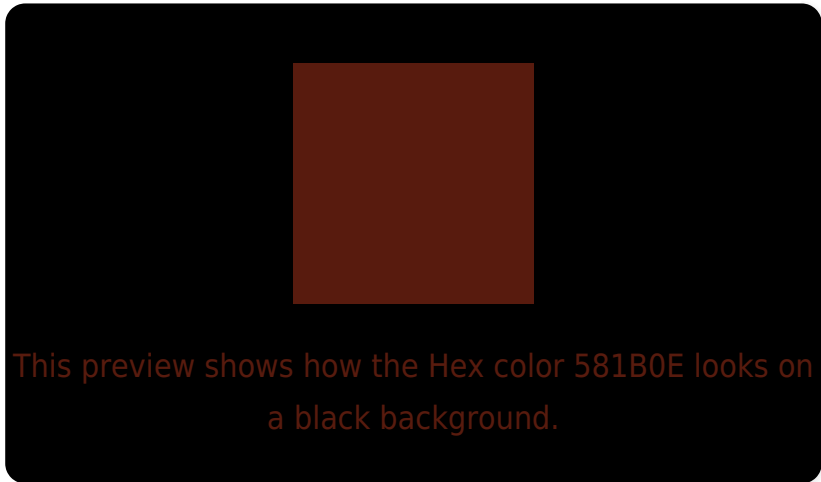
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

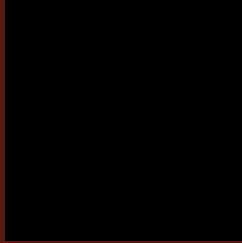
Any Text WCAG AA × Fail

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 581B0E Background



This preview shows how black text looks on a background with the Hex color 581B0E.

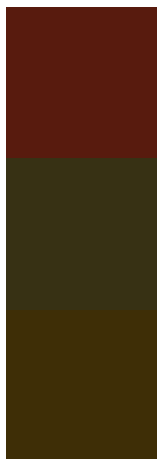


This preview shows how white text looks on a background with the Hex color 581B0E.

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
581B0E

Protanopia
373114

Deuteranopia
3E2E06



Tritanopia
581A1B

Trichromacy



Original Color
581B0E

Protanomaly
432912

Deuteranomaly
472709

Tritanomaly
581A16

Monochromacy



Original Color
581B0E

Achromatopsia
2C2C2C

Achromatomaly
3C2621

CSS Examples

Text

The CSS property to change the color of the text to Hex 581B0E 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 #581B0E looks like.

```
.text, #text, p{  
    color:#581B0E  
}
```

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 #581B0E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #581B0E
}
```

Border

The CSS property to change the border of an element to Hex 581B0E is called "border". The border property can be set on classes, ids or directly on the HTML element.

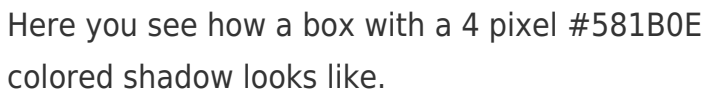
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#581B0E }
```

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

```
.border{ border-color:#581B0E }
```

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



Here you see how a box with a 4 pixel #581B0E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #581B0E; -webkit-box-shadow:4px 4px  
4px 4px #581B0E; box-shadow:4px 4px 4px  
4px #581B0E }
```

Background

The CSS property to change the background color of an element to Hex 581B0E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#581B0E }
```

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

```
.background{ background-color:#581B0E }
```

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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