

Converting Colors

Hex(561F0B)

Have a look what the booklet for
Hex(561F0B) contains.

Hex(561F0B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(561F0B)

Conversions

Conversions Part 1

Format	Color
Hex	561F0B
RGB	86, 31, 11
RGB Percent	34%, 12%, 4%
CMY	0.6627, 0.8784, 0.9569
CMYK	0.00, 0.64, 0.87, 0.66
HSL	16°, 77%, 19%
HSV	16°, 87%, 34%
XYZ	4.3881, 2.9826, 0.6610
YIQ	45.1650, 39.2000, 5.4400

Conversions

Conversions Part 2

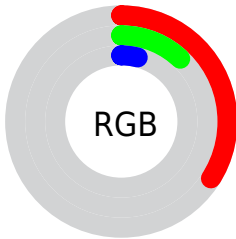
Format	Color
R_{YB}	86, 38, 11
Decimal	5644043
CIE _{Lab}	19.97, 24.31, 24.98
CIE _{LCh}	20, 34.859, 45.782
Yxy	2.9826, 0.5464, 0.3713
Android (android.graphics.Color)	4283834123 (0xFF561F0B)
YUV	45.1650, -16.8433, 35.8123
Hunter-Lab	17.2701, 15.1322, 9.8197

Details

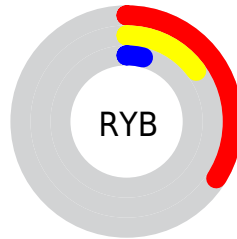
The Hex color **561F0B** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **0B4256**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **8C4D37**, and **260001** is the 20% darker color. If you saturate the color by 10%, you get **561902**, and if you desaturate by 10%, it is **562514**.

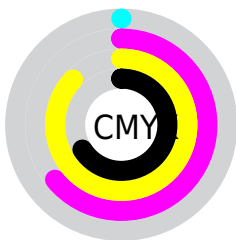
Distribution



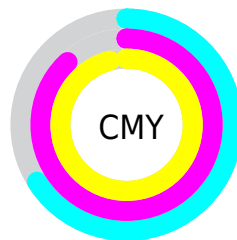
- Red (34%)
- Green (12%)
- Blue (4%)



- Red (34%)
- Yellow (15%)
- Blue (4%)



- Cyan (0%)
- Magenta (64%)
- Yellow (87%)
- Black (66%)



- Cyan (66%)
- Magenta (88%)
- Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 561F0B 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 561F0B by changing the saturation by 10% instead.

 561F0B

 561F0B

 FFFFEC

 3C0800

 8C4D37

 260001

 A9664E

 000000

 C57F66

 E3997F

 FFB499

 FFD0B4

 FFEDD0

 561F0B

 561F0B

■ 561902

■ 562514

■ 561700

■ 562C1C

■ 563225

■ 56382D

■ 563F36

■ 56453F

■ 564B47

■ 565150

■ 565858

Harmonies

Analogous

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



5D1524



561F0B



462B00

Triad

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



561F0B



003B23



0F2F62

Complementary

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



561F0B



0B4256

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.



003762



561F0B



003C3D

Square

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



561F0B



0F3808



003B54



422354

Rectangle

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



561F0B



383100



003B54



003263

Sweetspot

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



561F0B



705B53



560B42



382B27



B8B8B8



383838

Same Dimension

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



561F0B



701E00



56450B



2B2827



6B1D00



EB3F00

Inverse Universe

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



0B4256



005270



0B1D56



272A2B



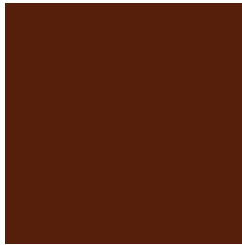
004F6B



00ACEB

Previews

White Background



This preview shows how the Hex color 561F0B 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

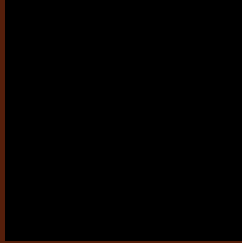
Any Text WCAG AA × Fail

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 561F0B Background



This preview shows how black text looks on a background with the Hex color 561F0B.



This preview shows how white text looks on a background with the Hex color 561F0B.

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
561F0B

Protanopia
383210

Deuteranopia
3F2F00



Tritanopia
571D1F

Trichromacy



Original Color
561F0B

Protanomaly
432B0E

Deuteranomaly
472904

Tritanomaly
571E18

Monochromacy



Original Color
561F0B

Achromatopsia
2D2D2D

Achromatomaly
3C2821

CSS Examples

Text

The CSS property to change the color of the text to Hex 561F0B 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 #561F0B looks like.

```
.text, #text, p{  
    color:#561F0B  
}
```

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 #561F0B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #561F0B }  
}
```

Border

The CSS property to change the border of an element to Hex 561F0B 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".

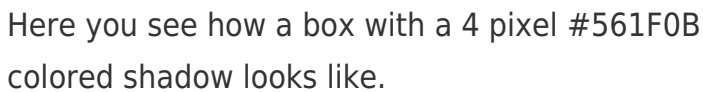
```
.border, #border, table{ border:4px solid #561F0B }  
}
```

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

```
.border{ border-color:#561F0B }
```

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

Here you see how a box with a 4 pixel #561F0B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #561F0B; -webkit-box-shadow:4px 4px  
4px 4px #561F0B; box-shadow:4px 4px 4px  
4px #561F0B }
```

Background

The CSS property to change the background color of an element to Hex 561F0B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#561F0B }
```

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

```
.background{ background-color:#561F0B }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor