

# Converting Colors

Hex(5B2F07)

Have a look what the booklet for  
Hex(5B2F07) contains.

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**Color**

**Hex(5B2F07)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5B2F07
RGB	91, 47, 7
RGB Percent	36%, 18%, 3%
CMY	0.6431, 0.8157, 0.9725
CMYK	0.00, 0.48, 0.92, 0.64
HSL	29°, 86%, 19%
HSV	29°, 92%, 36%
XYZ	5.3692, 4.2725, 0.7427
YIQ	55.5960, 39.0640, -3.1120

# Conversions

## Conversions Part 2

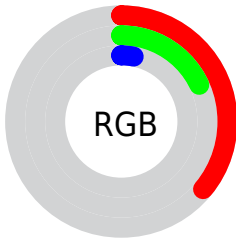
Format	Color
R <sub>Y</sub> B	91, 83, 7
Decimal	5975815
CIE Lab	24.55, 17.05, 31.71
CIE LCh	25, 36.004, 61.727
Yxy	4.2725, 0.5170, 0.4114
Android (android.graphics.Color)	4284165895 (0xFF5B2F07)
YUV	55.5960, -23.9578, 31.0493
Hunter-Lab	20.6701, 10.1945, 12.3387

# Details

The Hex color **5B2F07** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **07335B**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **915D35**, and **280300** is the 20% darker color. If you saturate the color by 10%, you get **5B2B00**, and if you desaturate by 10%, it is **5B3410**.

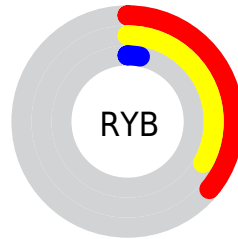
# Distribution



Red (36%)

Green (18%)

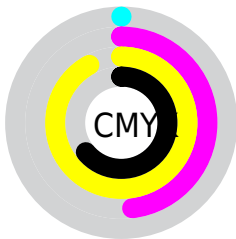
Blue (3%)



Red (36%)

Yellow (33%)

Blue (3%)

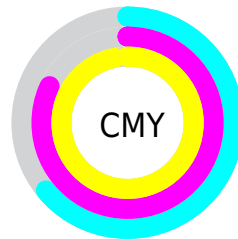


Cyan (0%)

Magenta (48%)

Yellow (92%)

Black (64%)



Cyan (64%)

Magenta (82%)

Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5B2F07 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 5B2F07 by changing the saturation by 10% instead.



 5B2F07

 5B2F07

 FFFFEB

 411A00

 915D35

 280300

 AE764C

 000000

 CA9065

 E8AB7E

 FFC698

 FFE2B3

 FFFFCE

 5B2F07

 5B2F07

■ 5B2B00

■ 5B3410

■ 5B3919

■ 5B3D22

■ 5B422B

■ 5B4735

■ 5B4C3E

■ 5B5047

■ 5B5550

■ 5B5A59

# Harmonies

## Analogous

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



68231F



5B2F07



463A00

# Triad

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



5B2F07



00473B



3C3269

# Complementary

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



5B2F07



07335B

# 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.



003D71



5B2F07



004656

# Square

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



5B2F07



00451F



00446A



5C2654

# Rectangle

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



5B2F07



343F00



00446A



2A366D



# Sweetspot

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



5B2F07



756454



5B0734



3B3027



BABABA



3B3B3B



# Same Dimension

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



5B2F07



753800



5B5807



2E2B29



6E3400



ED7100



# Inverse Universe

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



07335B



003D75



070A5B



292C2E



00396E

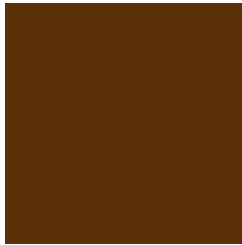


007CED



# Previews

## White Background



This preview shows how the Hex color 5B2F07 looks on a white background.

## Color Contrast Check

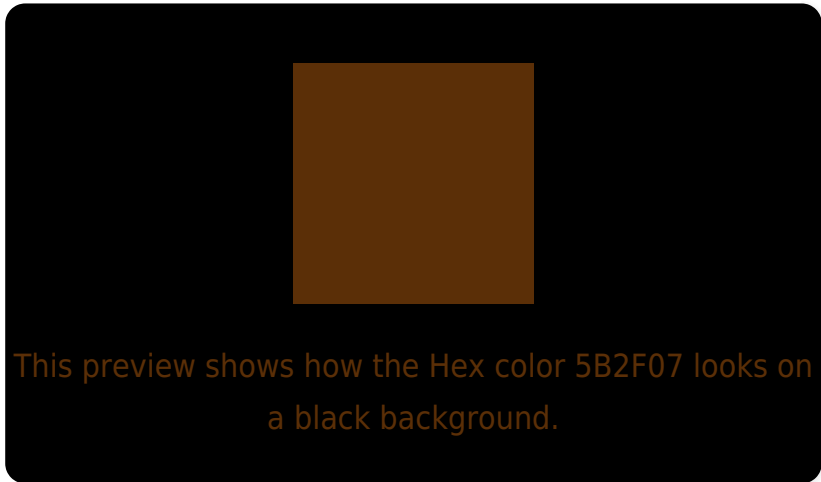
Large Text (above 18pt) WCAG AA ✓ Pass

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 5B2F07 Background



This preview shows how black text looks on a background with the Hex color 5B2F07.



This preview shows how white text looks on a background with the Hex color 5B2F07.

# 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



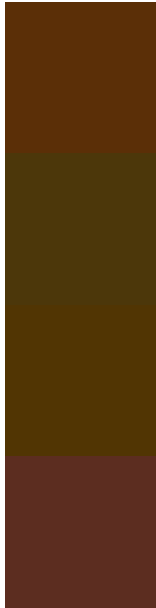
**Original Color**  
5B2F07

**Protanopia**  
433B0B

**Deuteranopia**  
4B3800



# Trichromacy



**Original Color**  
5B2F07

**Protanomaly**  
4C370A

**Deuteranomaly**  
513503

**Tritanomaly**  
5C2D20

# Monochromacy



**Original Color**  
5B2F07

**Achromatopsia**  
383838

**Achromatomaly**  
453526

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5B2F07 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 #5B2F07 looks like.

```
.text, #text, p{  
    color:#5B2F07  
}
```

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 #5B2F07 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B2F07 }  
}
```

## Border

The CSS property to change the border of an element to Hex 5B2F07 is called "border". The border property can be set on classes, ids or directly on the HTML element.

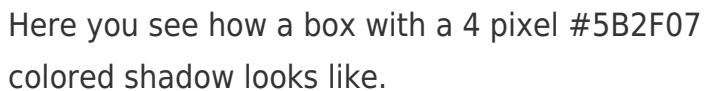
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #5B2F07 }  
}
```

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

```
.border{ border-color:#5B2F07 }
```

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



Here you see how a box with a 4 pixel #5B2F07 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B2F07; -webkit-box-shadow:4px 4px  
4px 4px #5B2F07; box-shadow:4px 4px 4px  
4px #5B2F07 }
```

# Background

The CSS property to change the background color of an element to Hex 5B2F07 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B2F07 }
```

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

```
.background{ background-color:#5B2F07 }
```

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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