

# Converting Colors

Hex(B57108)

Have a look what the booklet for  
Hex(B57108) contains.

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**Color**

**Hex(B57108)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B57108
RGB	181, 113, 8
RGB Percent	71%, 44%, 3%
CMY	0.2902, 0.5569, 0.9686
CMYK	0.00, 0.38, 0.96, 0.29
HSL	36°, 92%, 37%
HSV	36°, 96%, 71%
XYZ	25.0050, 21.6515, 3.0910
YIQ	121.3620, 74.2330, -18.2390

# Conversions

## Conversions Part 2

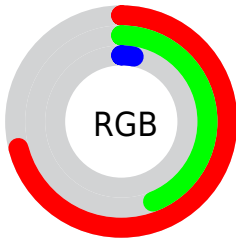
<b>Format</b>	<b>Color</b>
<b>RYB</b>	120, 181, 8
Decimal	11890952
CIELab	53.66, 20.14, 59.08
CIElCh	54, 62.423, 71.175
Yxy	21.6515, 0.5026, 0.4352
Android (android.graphics.Color)	4290081032 (0xFFB57108)
YUV	121.3620, -55.8875, 52.3025
Hunter-Lab	46.5312, 14.4929, 28.6333

# Details

The Hex color **B57108** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **084CB5**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **F2A545**, and **7A4100** is the 20% darker color. If you saturate the color by 10%, you get **B56E00**, and if you desaturate by 10%, it is **B5781A**.

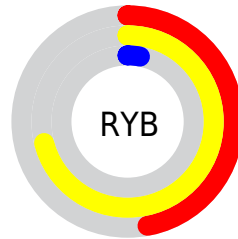
# Distribution



Red (71%)

Green (44%)

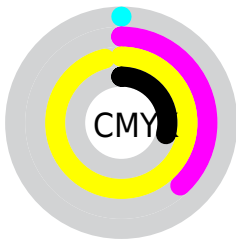
Blue (3%)



Red (47%)

Yellow (71%)

Blue (3%)

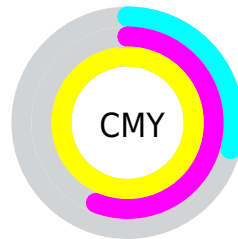


Cyan (0%)

Magenta (38%)

Yellow (96%)

Black (29%)



Cyan (29%)

Magenta (56%)

Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B57108 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 B57108 by changing the saturation by 10% instead.



 B57108

 B57108

FFFFFF

 975800

 F2A545

 7A4100

 FFC05F

 5D2A00

 FFDC7A

 421500

 FFF895

 290000

 FFFFB1

 000000

 FFFFCD

 FFFFEA

 B57108

 B57108

 B56E00

 B5781A

 B57F2C

 B5863E

 B58D50

 B59563

 B59C75

 B5A387

 B5AA99

 B5B1AB

# Harmonies

## Analogous

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



D5593C



B57108



878400

# Triad

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



B57108



009994



9C68D2

# Complementary

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



B57108



084CB5

# 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.



1E80EA



B57108



0097C6

# Square

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



B57108



00975B



008FE6



CF50A4

# Rectangle

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



B57108



628D13



008FE6



8171DD



# Sweetspot

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



B57108



EBD0A7



B5084D



75654C



F5F5F5



757575



# Same Dimension

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



B57108



EB8E00



A4B508



595650



995D00



1A0F00



# Inverse Universe

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



084CB5



005CEB



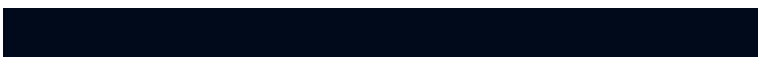
1908B5



505459



003C99

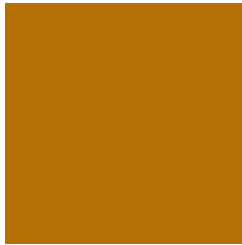


000A1A



# Previews

## White Background



This preview shows how the Hex color B57108 looks on a white background.

## Color Contrast Check

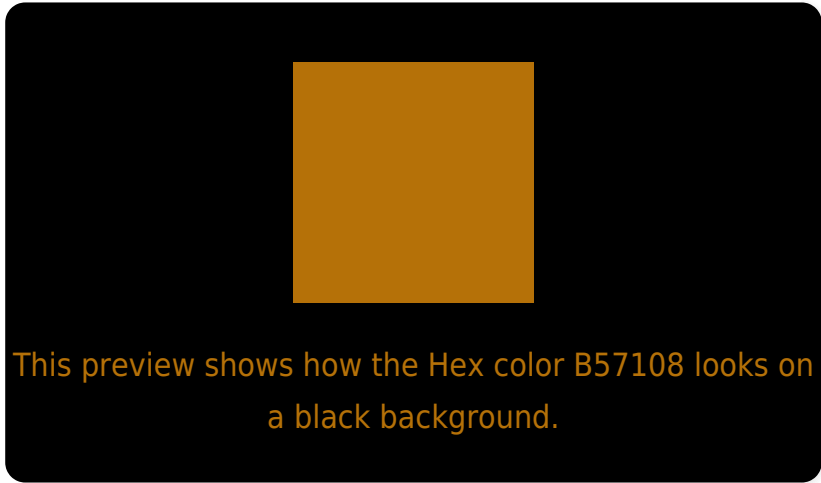
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black 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

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



## Hex B57108 Background



This preview shows how black text looks on a background with the Hex color B57108.



This preview shows how white text looks on a background with the Hex color B57108.

# 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**  
B57108

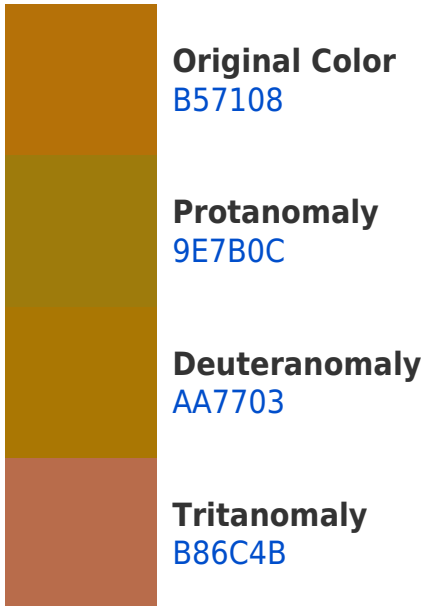
**Protanopia**  
91810F

**Deuteranopia**  
A37A00

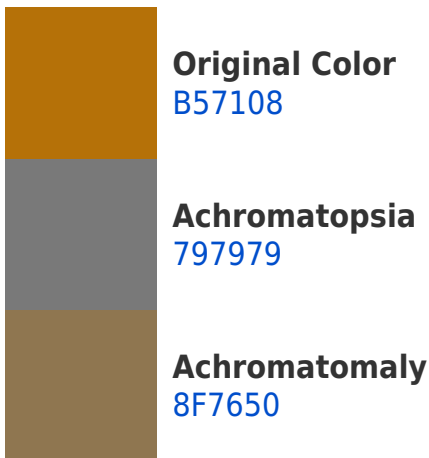


**Tritanopia**  
B96971

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B57108 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 #B57108 looks like.

```
.text, #text, p{  
    color:#B57108  
}
```

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 #B57108 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B57108  
}
```

## Border

The CSS property to change the border of an element to Hex B57108 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  
#B57108 }
```

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

```
.border{ border-color:#B57108 }
```

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

Here you see how a box with a 4 pixel #B57108 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B57108; -webkit-box-shadow:4px 4px  
4px 4px #B57108; box-shadow:4px 4px 4px  
4px #B57108 }
```

# Background

The CSS property to change the background color of an element to Hex B57108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B57108 }
```

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

```
.background{ background-color:#B57108 }
```

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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