

Converting Colors

Hex(B16E0C)

Have a look what the booklet for
Hex(B16E0C) contains.

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Color

Hex(B16E0C)

Conversions

Conversions Part 1

Format	Color
Hex	B16E0C
RGB	177, 110, 12
RGB Percent	69%, 43%, 5%
CMY	0.3059, 0.5686, 0.9529
CMYK	0.00, 0.38, 0.93, 0.31
HSL	36°, 87%, 37%
HSV	36°, 93%, 69%
XYZ	23.7738, 20.5255, 3.0566
YIQ	118.8610, 71.3900, -16.2740

Conversions

Conversions Part 2

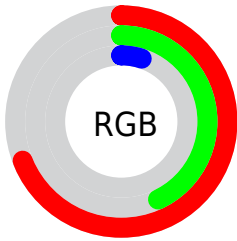
Format	Color
R_{YB}	125, 177, 12
Decimal	11628044
CIE _{Lab}	52.43, 20.09, 57.19
CIE _{LCh}	52, 60.619, 70.643
Yxy	20.5255, 0.5020, 0.4334
Android (android.graphics.Color)	4289818124 (0xFFB16E0C)
YUV	118.8610, -52.6825, 50.9879
Hunter-Lab	45.3051, 14.3836, 27.7134

Details

The Hex color **B16E0C** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **0C4FB1**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **EEA246**, and **773E00** is the 20% darker color. If you saturate the color by 10%, you get **B16900**, and if you desaturate by 10%, it is **B1751E**.

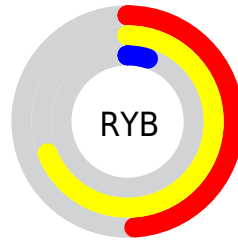
Distribution



Red (69%)

Green (43%)

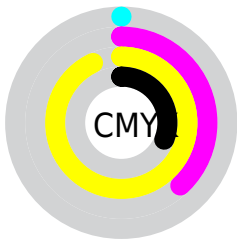
Blue (5%)



Red (49%)

Yellow (69%)

Blue (5%)

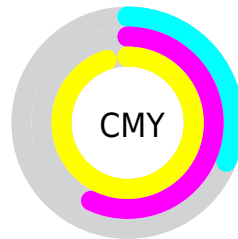


Cyan (0%)

Magenta (38%)

Yellow (93%)

Black (31%)



Cyan (31%)

Magenta (57%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color B16E0C 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 B16E0C by changing the saturation by 10% instead.

 B16E0C

 B16E0C

FFFFFF

 935600

 EEA246

 773E00

 FFBD60

 5A2800

 FFD97B

 3E1200

 FFF596

 270000

 FFFFB1

 000000

 FFFFCD

 FFFFEA

 B16E0C

 B16E0C

■ B16900

■ B1751E

■ B17C2F

■ B18441

■ B18B53

■ B19265

■ B19976

■ B1A088

■ B1A79A

■ B1AFAB

Harmonies

Analogous

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



D0573C



B16E0C



858100

Triad

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



B16E0C



00958F



9667CD

Complementary

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



B16E0C



0C4FB1

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.



1C7DE4



B16E0C



0093C0

Square

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



B16E0C



009359



008CDF



C94FA1

Rectangle

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



B16E0C



618914



008CDF



7C6FD7

Sweetspot

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



B16E0C



E6CBA5



B10C51



73634C



F2F2F2



737373

Same Dimension

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



B16E0C



E68800



A3B10C



595650



995B00



1A0F00

Inverse Universe

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



0C4FB1



005DE6



1A0CB1



505459



003E99



000A1A

Previews

White Background



This preview shows how the Hex color B16E0C looks on a white background.

Color Contrast Check

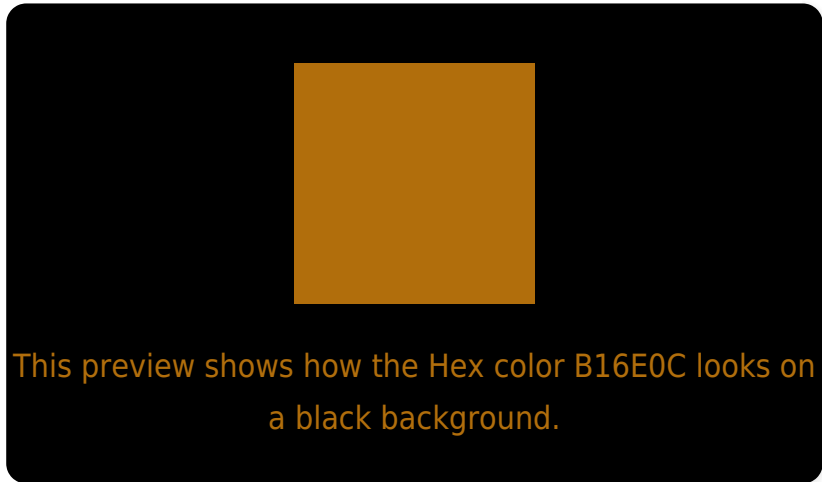
Large Text (above 18pt) WCAG AA ✓ Pass

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 B16E0C Background



This preview shows how black text looks on a background with the Hex color B16E0C.



This preview shows how white text looks on a background with the Hex color B16E0C.

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
B16E0C

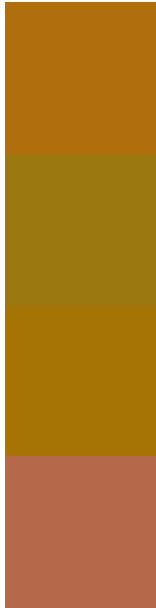
Protanopia
8E7E12

Deuteranopia
9F7700



Tritanopia
B5666E

Trichromacy



Original Color
B16E0C

Protanomaly
9B7810

Deuteranomaly
A67404

Tritanomaly
B4694A

Monochromacy



Original Color
B16E0C

Achromatopsia
777777

Achromatomaly
8C7450

CSS Examples

Text

The CSS property to change the color of the text to Hex B16E0C 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 #B16E0C looks like.

```
.text, #text, p{  
    color:#B16E0C  
}
```

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 #B16E0C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B16E0C }
}
```

Border

The CSS property to change the border of an element to Hex B16E0C 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 #B16E0C }
}
```

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

```
.border{ border-color:#B16E0C }
```

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

Here you see how a box with a 4 pixel #B16E0C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B16E0C; -webkit-box-shadow:4px 4px  
4px 4px #B16E0C; box-shadow:4px 4px 4px  
4px #B16E0C }
```

Background

The CSS property to change the background color of an element to Hex B16E0C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B16E0C }
```

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

```
.background{ background-color:#B16E0C }
```

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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