

Converting Colors

Hex(B66E0C)

Have a look what the booklet for
Hex(B66E0C) contains.

Hex(B66E0C)	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>	28

Color

Hex(B66E0C)

Conversions

Conversions Part 1

Format	Color
Hex	B66E0C
RGB	182, 110, 12
RGB Percent	71%, 43%, 5%
CMY	0.2863, 0.5686, 0.9529
CMYK	0.00, 0.40, 0.93, 0.29
HSL	35°, 88%, 38%
HSV	35°, 93%, 71%
XYZ	24.9337, 21.1235, 3.1109
YIQ	120.3560, 74.3700, -15.2140

Conversions

Conversions Part 2

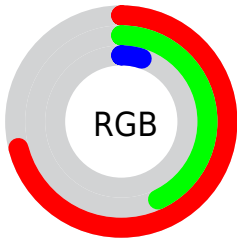
Format	Color
RYB	137, 182, 12
Decimal	11955724
CIELab	53.08, 22.30, 57.97
CIELCh	53, 62.110, 68.960
Yxy	21.1235, 0.5071, 0.4296
Android (android.graphics.Color)	4290145804 (0xFFB66E0C)
YUV	120.3560, -53.4195, 54.0618
Hunter-Lab	45.9603, 16.4066, 28.1590

Details

The Hex color **B66E0C** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **0C54B6**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **F3A246**, and **7B3E00** is the 20% darker color. If you saturate the color by 10%, you get **B66900**, and if you desaturate by 10%, it is **B6761E**.

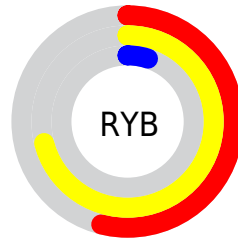
Distribution



Red (71%)

Green (43%)

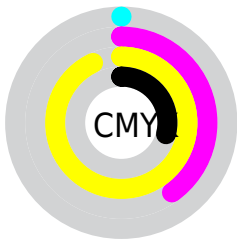
Blue (5%)



Red (54%)

Yellow (71%)

Blue (5%)

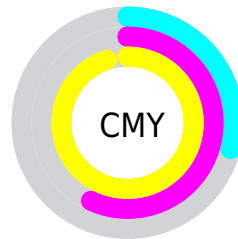


Cyan (0%)

Magenta (40%)

Yellow (93%)

Black (29%)



Cyan (29%)

Magenta (57%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color B66E0C 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 B66E0C by changing the saturation by 10% instead.

 B66E0C

 B66E0C

FFFFFF

 985500

 F3A246

 7B3E00

 FFBD60

 5E2700

 FFD97B

 421200

 FFF596

 2A0000

 FFFFB1

 000000

 FFFFCE

 FFFFEA

 B66E0C

 B66E0C

 B66900

 B6761E

 B67D30

 B68543

 B68D55

 B69567

 B69C79

 B6A48B

 B6AC9E

 B6B3B0

Harmonies

Analogous

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



D4563E



B66E0C



898100

Triad

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



B66E0C



00978E



9569D3

Complementary

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



B66E0C



0C54B6

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.



0080E9



B66E0C



0096C1

Square

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



B66E0C



009556



008FE3



CA50A6

Rectangle

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



B66E0C



658B0D



008FE3



7871DD

Sweetspot

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



B66E0C



EDD1AB



B60C56



78674F



F7F7F7



787878

Same Dimension

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



B66E0C



ED8900



ABB60C



5C5853



9C5A00



1C1000

Inverse Universe

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



0C54B6



0064ED



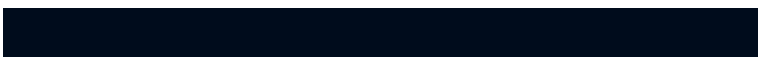
170CB6



53575C



00429C



000C1C

Previews

White Background



This preview shows how the Hex color B66E0C looks on a white background.

Color Contrast Check

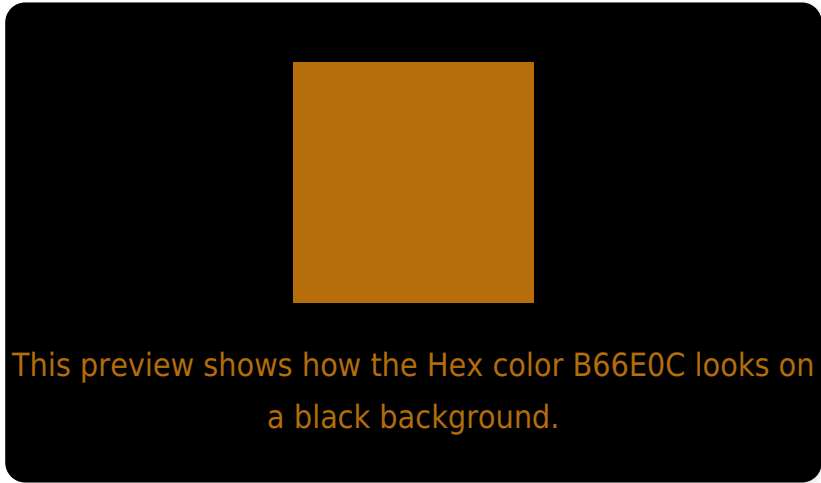
Large Text (above 18pt) WCAG AA ✓ Pass

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 B66E0C Background



This preview shows how black text looks on a background with the Hex color B66E0C.



This preview shows how white text looks on a background with the Hex color B66E0C.

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

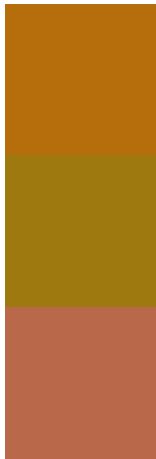


Original Color
B66E0C

Protanopia
8F8012

Tritanopia
BA666E

Trichromacy



Original Color
B66E0C

Protanomaly
9D7910

Tritanomaly
B9694A

Monochromacy



Original Color
B66E0C

Achromatopsia
787878

Achromatomaly
8F7451

CSS Examples

Text

The CSS property to change the color of the text to Hex B66E0C 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 #B66E0C looks like.

```
.text, #text, p{  
    color:#B66E0C  
}
```

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 #B66E0C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B66E0C
}
```

Border

The CSS property to change the border of an element to Hex B66E0C 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
#B66E0C }
```

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

```
.border{ border-color:#B66E0C }
```

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

Here you see how a box with a 4 pixel #B66E0C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B66E0C; -webkit-box-shadow:4px 4px  
4px 4px #B66E0C; box-shadow:4px 4px 4px  
4px #B66E0C }
```

Background

The CSS property to change the background color of an element to Hex B66E0C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B66E0C }
```

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

```
.background{ background-color:#B66E0C }
```

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