

Converting Colors

Hex(B86C07)

Have a look what the booklet for
Hex(B86C07) contains.

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Color

Hex(B86C07)

Conversions

Conversions Part 1

Format	Color
Hex	B86C07
RGB	184, 108, 7
RGB Percent	72%, 42%, 3%
CMY	0.2784, 0.5765, 0.9725
CMYK	0.00, 0.41, 0.96, 0.28
HSL	34°, 93%, 37%
HSV	34°, 96%, 72%
XYZ	25.1681, 20.9308, 2.9146
YIQ	119.2100, 77.7170, -15.2990

Conversions

Conversions Part 2

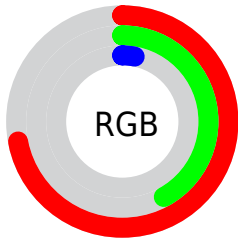
Format	Color
RYB	140, 184, 7
Decimal	12086279
CIELab	52.87, 24.21, 58.92
CIElCh	53, 63.699, 67.666
Yxy	20.9308, 0.5135, 0.4270
Android (android.graphics.Color)	4290276359 (0xFFB86C07)
YUV	119.2100, -55.3195, 56.8208
Hunter-Lab	45.7502, 18.1335, 28.2480

Details

The Hex color **B86C07** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **0753B8**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **F5A044**, and **7D3C00** is the 20% darker color. If you saturate the color by 10%, you get **B86900**, and if you desaturate by 10%, it is **B87419**.

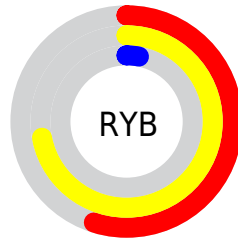
Distribution



Red (72%)

Green (42%)

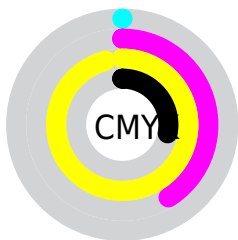
Blue (3%)



Red (55%)

Yellow (72%)

Blue (3%)

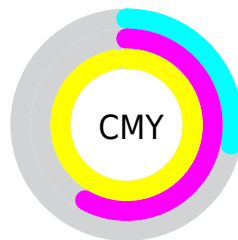


Cyan (0%)

Magenta (41%)

Yellow (96%)

Black (28%)



Cyan (28%)

Magenta (58%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color B86C07 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 B86C07 by changing the saturation by 10% instead.

 B86C07

 B86C07

FFFFFF

 9A5300

 F5A044

 7D3C00

 FFBB5E

 602500

 FFD779

 440F00

 FFF393

 2B0000

 FFFFAF

 000000

 FFFFCB

 FFFF E8

 B86C07

 B86C07

 B86900

 B87419

 B87C2C

 B8843E

 B88C51

 B89463

 B89B75

 B8A388

 B8AB9A

 B8B3AD

Harmonies

Analogous

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



D6533E



B86C07



8B8000

Triad

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



B86C07



00978B



9169D6

Complementary

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



B86C07



0753B8

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.



0080EC



B86C07



0096C0

Square

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



B86C07



009452



008FE4



CA4FA9

Rectangle

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



B86C07



668A01



008FE4



7371E0

Sweetspot

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



B86C07



F0D2AA



B80754



78664E



F7F7F7



787878

Same Dimension

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



B86C07



F08900



ACB807



5C5853



9C5900



1C1000

Inverse Universe

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



0753B8



0067F0



1307B8



53575C



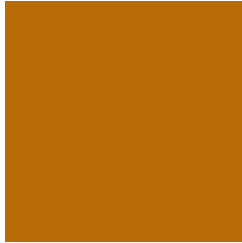
00439C



000C1C

Previews

White Background



This preview shows how the Hex color B86C07 looks on a white background.

Color Contrast Check

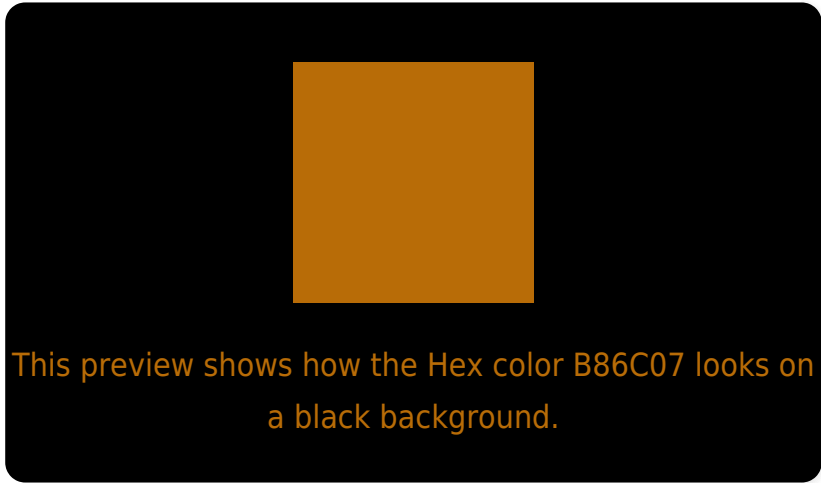
Large Text (above 18pt) WCAG AA ✓ Pass

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 B86C07 Background



This preview shows how black text looks on a background with the Hex color B86C07.



This preview shows how white text looks on a background with the Hex color B86C07.

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
B86C07

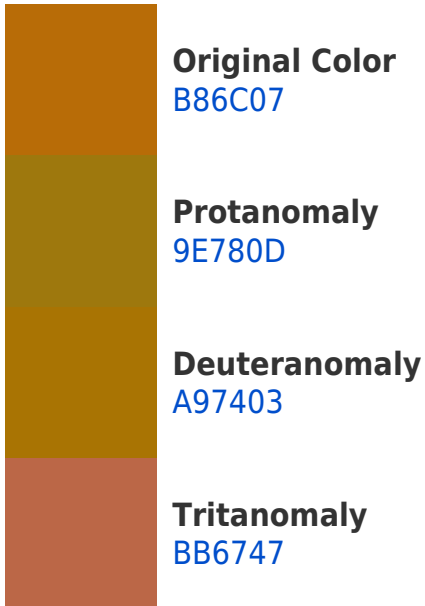
Protanopia
8F7F10

Deuteranopia
A07800



Tritanopia
BC646C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B86C07 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 #B86C07 looks like.

```
.text, #text, p{  
    color:#B86C07  
}
```

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 #B86C07 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B86C07 }  
}
```

Border

The CSS property to change the border of an element to Hex B86C07 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 #B86C07 }  
}
```

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

```
.border{ border-color:#B86C07 }
```

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

Here you see how a box with a 4 pixel #B86C07 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B86C07; -webkit-box-shadow:4px 4px  
4px 4px #B86C07; box-shadow:4px 4px 4px  
4px #B86C07 }
```

Background

The CSS property to change the background color of an element to Hex B86C07 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B86C07 }
```

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

```
.background{ background-color:#B86C07 }
```

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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