

Converting Colors

Hex(B66F03)

Have a look what the booklet for
Hex(B66F03) contains.

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Color

Hex(B66F03)

Conversions

Conversions Part 1

Format	Color
Hex	B66F03
RGB	182, 111, 3
RGB Percent	71%, 44%, 1%
CMY	0.2863, 0.5647, 0.9882
CMYK	0.00, 0.39, 0.98, 0.29
HSL	36°, 97%, 36%
HSV	36°, 98%, 71%
XYZ	24.9923, 21.3205, 2.8842
YIQ	119.9170, 76.9840, -18.5360

Conversions

Conversions Part 2

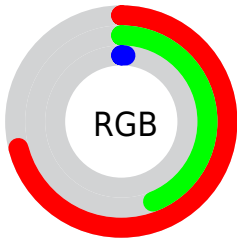
Format	Color
R_{YB}	121, 182, 3
Decimal	11955971
CIE Lab	53.30, 21.63, 59.86
CIE LCh	53, 63.648, 70.137
Yxy	21.3205, 0.5080, 0.4334
Android (android.graphics.Color)	4290146051 (0xFFB66F03)
YUV	119.9170, -57.6401, 54.4468
Hunter-Lab	46.1742, 15.8103, 28.6185

Details

The Hex color **B66F03** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **034AB6**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **F3A342**, and **7B3F00** is the 20% darker color. If you saturate the color by 10%, you get **B66E00**, and if you desaturate by 10%, it is **B67615**.

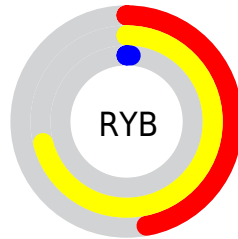
Distribution



Red (71%)

Green (44%)

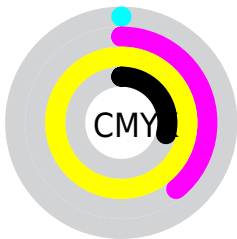
Blue (1%)



Red (47%)

Yellow (71%)

Blue (1%)

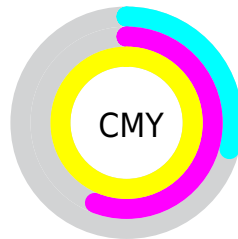


Cyan (0%)

Magenta (39%)

Yellow (98%)

Black (29%)



Cyan (29%)

Magenta (56%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color B66F03 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 B66F03 by changing the saturation by 10% instead.

 B66F03

 B66F03

FFFFFF

 985600

 F3A342

 7B3F00

 FFBE5D

 5E2800

 FFDA77

 421300

 FFF692

 2A0000

 FFFFAE

 000000

 FFFFCA

 FFFF E7

 B66F03

 B66F03


 B66E00

 B67615

 B67D27

 B6853A

 B68C4C

 B6935E

 B69A70

 B6A282

 B6A995

 B6B0A7

Harmonies

Analogous

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



D6563B



B66F03



888300

Triad

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



B66F03



009891



9868D4

Complementary

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



B66F03



034AB6

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



B66F03



0097C5

Square

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



B66F03



009658



008FE7



CE4EA6

Rectangle

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



B66F03



628C0A



008FE7



7C71DF

Sweetspot

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



B66F03



EDD1A6



B6034B



78674D



F7F7F7



787878

Same Dimension

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



B66F03



ED8F00



A4B603



5C5853



9C5E00



1C1100

Inverse Universe

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



034AB6



005EED



1503B6



53565C



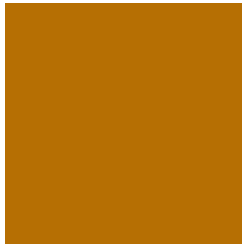
003E9C



000B1C

Previews

White Background



This preview shows how the Hex color B66F03 looks on a white background.

Color Contrast Check

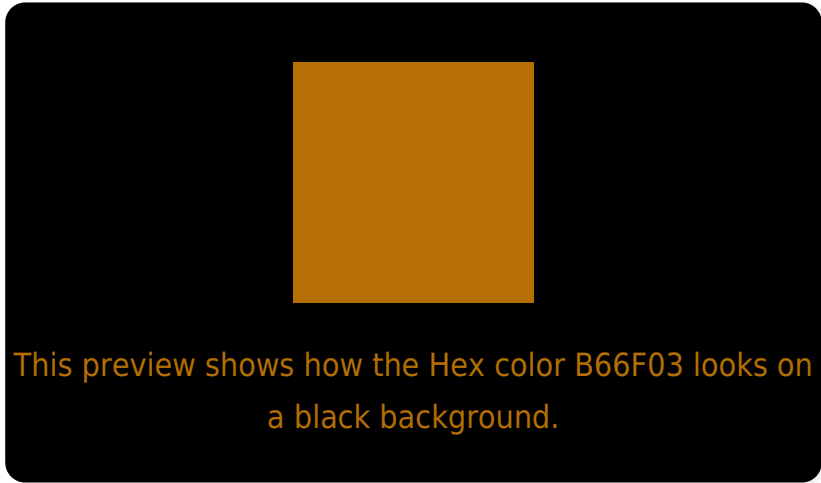
Large Text (above 18pt) WCAG AA ✓ Pass

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 B66F03 Background



This preview shows how black text looks on a background with the Hex color B66F03.



This preview shows how white text looks on a background with the Hex color B66F03.

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
B66F03

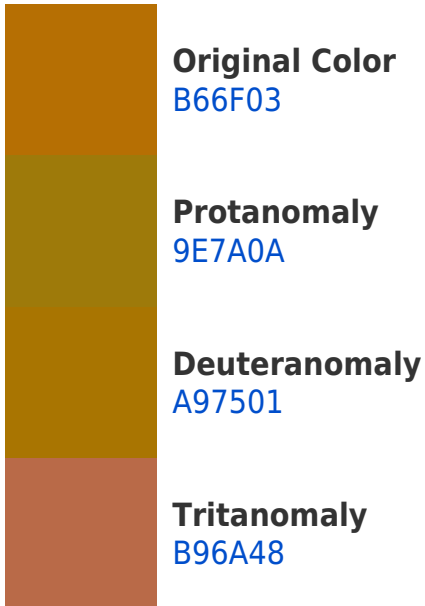
Protanopia
90800E

Deuteranopia
A27900

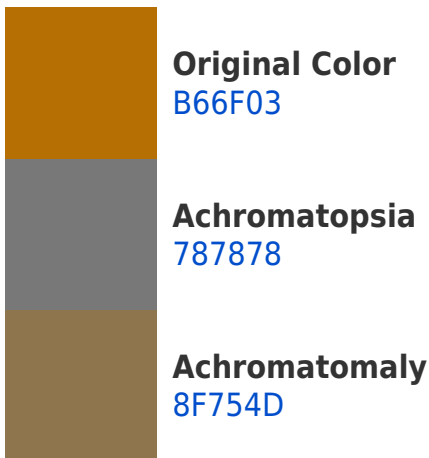


Tritanopia
BA676F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B66F03 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 #B66F03 looks like.

```
.text, #text, p{  
    color:#B66F03  
}
```

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 #B66F03 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B66F03
}
```

Border

The CSS property to change the border of an element to Hex B66F03 is called "border". The border property can be set on classes, ids or directly on the HTML element.

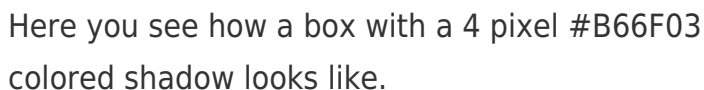
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B66F03 }
```

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

```
.border{ border-color:#B66F03 }
```

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

A rectangular box with a 4px orange shadow. The box is white with a thin orange border. The shadow is a solid orange color, 4 pixels wide and 4 pixels high, extending from the bottom and right sides of the box.

Here you see how a box with a 4 pixel #B66F03 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B66F03; -webkit-box-shadow:4px 4px  
4px 4px #B66F03; box-shadow:4px 4px 4px  
4px #B66F03 }
```

Background

The CSS property to change the background color of an element to Hex B66F03 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B66F03 }
```

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

```
.background{ background-color:#B66F03 }
```

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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