

Converting Colors

Hex(B6BF12)

Have a look what the booklet for
Hex(B6BF12) contains.

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Color

Hex(B6BF12)

Conversions

Conversions Part 1

Format	Color
Hex	B6BF12
RGB	182, 191, 18
RGB Percent	71%, 75%, 7%
CMY	0.2863, 0.2510, 0.9294
CMYK	0.05, 0.00, 0.91, 0.25
HSL	63°, 83%, 41%
HSV	63°, 91%, 75%
XYZ	38.0314, 47.2504, 7.6880
YIQ	168.5870, 50.1690, -55.7110

Conversions

Conversions Part 2

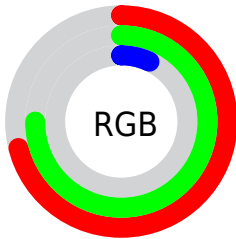
Format	Color
RYB	18, 191, 27
Decimal	11976466
CIELab	74.35, -20.99, 73.11
CIELCh	74, 76.066, 106.022
Yxy	47.2504, 0.4091, 0.5082
Android (android.graphics.Color)	4290166546 (0xFFB6BF12)
YUV	168.5870, -74.2394, 11.7632
Hunter-Lab	68.7389, -21.5338, 41.4860

Details

The Hex color **B6BF12** is a dark color, and the websafe version is hex **CCCC33**. A complement of this color would be **1B12BF**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **F1F757**, and **7D8A00** is the 20% darker color. If you saturate the color by 10%, you get **B5BF00**, and if you desaturate by 10%, it is **B7BF25**.

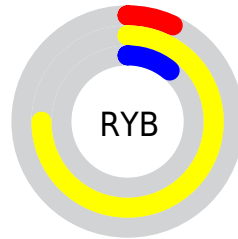
Distribution



Red (71%)

Green (75%)

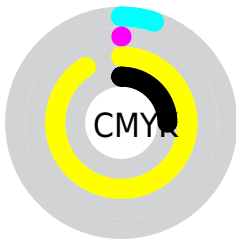
Blue (7%)



Red (7%)

Yellow (75%)

Blue (11%)

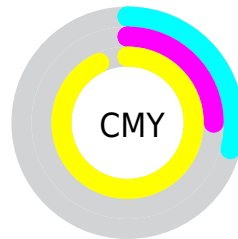


Cyan (5%)

Magenta (0%)

Yellow (91%)

Black (25%)



Cyan (29%)

Magenta (25%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color B6BF12 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 B6BF12 by changing the saturation by 10% instead.

 B6BF12

 B6BF12

FFFFFF

 99A400

 F1F757

 7D8A00

 FFFF74

 617000

 FFFF90

 455800

 FFFFAD

 2A4100

 FFFFCA

 102B00

 FFFFEE

 001800

 000000

 B6BF12

 B6BF12

 B5BF00

 B7BF25

 B8BF38

 B9BF4B

 BABF5E

 BBBF72

 BCBF85

 BDBF98

 BEBFAB

 BFBFBE

Harmonies

Analogous

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



F4A81C



B6BF12



63CE4E

Triad

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



B6BF12



00D4FF



FF77DB

Complementary

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



B6BF12



1B12BF

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.



E993FF



B6BF12



00C8FF

Square

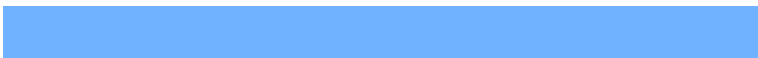
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



B6BF12



00D8DB



70B2FF



FF7394

Rectangle

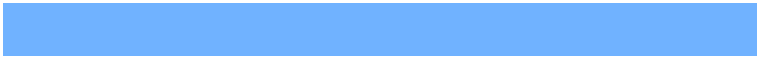
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



B6BF12



00D47B



70B2FF



FF7FF1

Sweetspot

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



B6BF12



F4F7B5



BF1B12



7B7D55



FCFCFC



7D7D7D

Same Dimension

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



B6BF12



EAF700



60BF12



5E5E55



969E00



1D1F00

Inverse Universe

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



1B12BF



0D00F7



7112BF



5555E



08009E



02001F

Previews

White Background



This preview shows how the Hex color B6BF12 looks on a white background.

Color Contrast Check

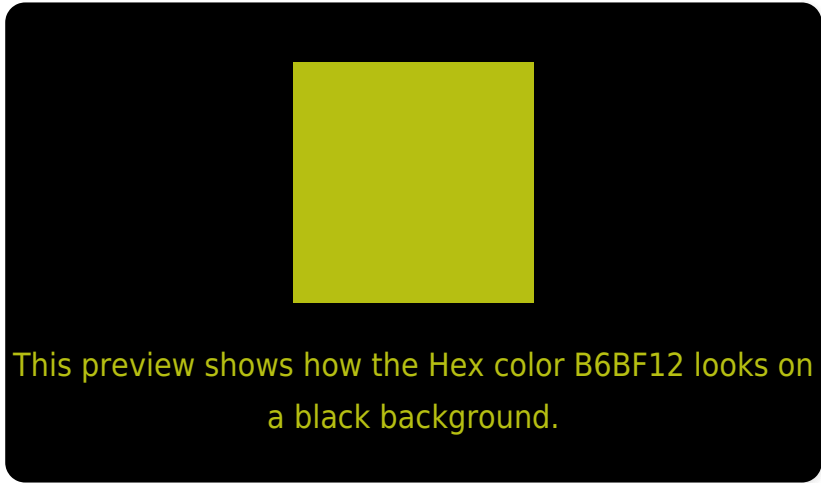
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

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

Hex B6BF12 Background



This preview shows how black text looks on a background with the Hex color B6BF12.



This preview shows how white text looks on a background with the Hex color B6BF12.

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
B6BF12

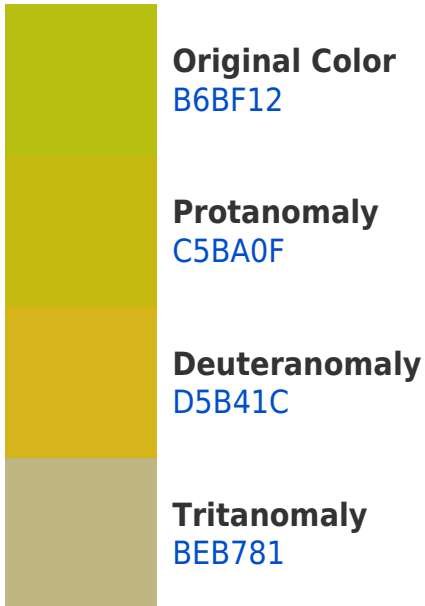
Protanopia
CEB70E

Deuteranopia
E6AD22



Tritanopia
C3B2C0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B6BF12 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 #B6BF12 looks like.

```
.text, #text, p{  
    color:#B6BF12  
}
```

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 #B6BF12 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B6BF12
}
```

Border

The CSS property to change the border of an element to Hex B6BF12 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
#B6BF12 }
```

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

```
.border{ border-color:#B6BF12 }
```

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

Here you see how a box with a 4 pixel #B6BF12 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B6BF12; -webkit-box-shadow:4px 4px  
4px 4px #B6BF12; box-shadow:4px 4px 4px  
4px #B6BF12 }
```

Background

The CSS property to change the background color of an element to Hex B6BF12 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B6BF12 }
```

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

```
.background{ background-color:#B6BF12 }
```

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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