

Converting Colors

Hex(BBCC66)

Have a look what the booklet for
Hex(BBCC66) contains.

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Color

Hex(BBCC66)

Conversions

Conversions Part 1

Format	Color
Hex	BBCC66
RGB	187, 204, 102
RGB Percent	73%, 80%, 40%
CMY	0.2667, 0.2000, 0.6000
CMYK	0.08, 0.00, 0.50, 0.20
HSL	70°, 50%, 60%
HSV	70°, 50%, 80%
XYZ	44.4847, 54.7098, 20.7858
YIQ	187.2890, 22.6100, -35.3260

Conversions

Conversions Part 2

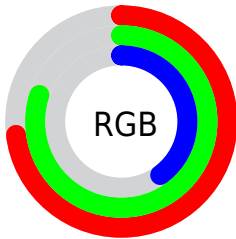
Format	Color
RYB	102, 204, 119
Decimal	12307558
CIELab	78.87, -20.73, 48.42
CIELCh	79, 52.669, 113.183
Yxy	54.7098, 0.3708, 0.4560
Android (android.graphics.Color)	4290497638 (0xFFBCC66)
YUV	187.2890, -42.0475, -0.2535
Hunter-Lab	73.9661, -22.0873, 35.1147

Details

The Hex color **BBCC66** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **7766CC**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **F5FF9B**, and **849632** is the 20% darker color. If you saturate the color by 10%, you get **B8CC52**, and if you desaturate by 10%, it is **BECC7A**.

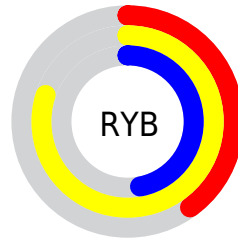
Distribution



Red (73%)

Green (80%)

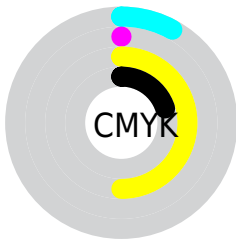
Blue (40%)



Red (40%)

Yellow (80%)

Blue (47%)

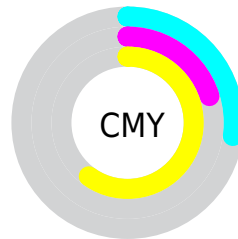


Cyan (8%)

Magenta (0%)

Yellow (50%)

Black (20%)



Cyan (27%)

Magenta (20%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color BBCC66 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 BBCC66 by changing the saturation by 10% instead.

 BBCC66

 BBCC66

FFFFFF

 9FB14C

 F5FF9B

 849632

 FFFFB7

 697C17

 FFFFD3

 4F6300

 FFFFF0

 364B00

 1C3400

 002000

 000000

 BBCC66

 BBCC66

 B8CC52

 BECC7A

 B4CC3D

 C2CC8F

 B1CC29

 C5CCA3

 ADCC14

 C9CCB8

 AACC00

 CCCCCC

 CFCCE0

 D3CCF5

 D6CCFF

 DACCFE

Harmonies

Analogous

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



EBBD60



BBCC66



81D686

Triad

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



BBCC66



00D7FF



FF9CD1

Complementary

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



BBCC66



7766CC

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.



F5A8FF



BBCC66



52CCFF

Square

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



BBCC66



00DCE8



B6BBFF



FF9D9F

Rectangle

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



BBCC66



4CDBA5



B6BBFF



FF9FE1

Sweetspot

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



BBCC66



F9FFD9



CC7766



7C8069



000000



808080

Same Dimension

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



BBCC66



E5FF66



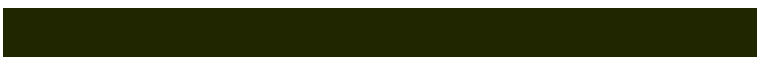
88CC66



64665C



8AA600



202600

Inverse Universe

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



7766CC



7F66FF



AA66CC



5E5C66



1C00A6



060026

Previews

White Background



This preview shows how the Hex color BBCC66 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



This preview shows how the Hex color BBCC66 looks on a 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 BBCC66 Background



This preview shows how black text looks on a background with the Hex color BBCC66.

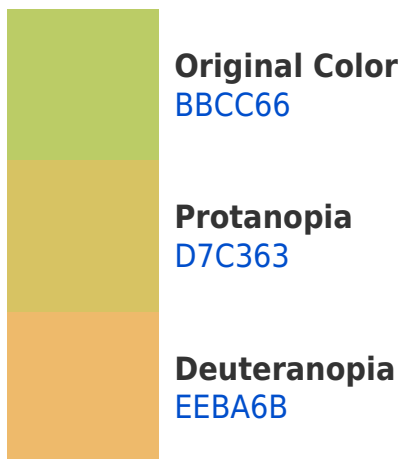


This preview shows how white text looks on a background with the Hex color BBCC66.

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](#).

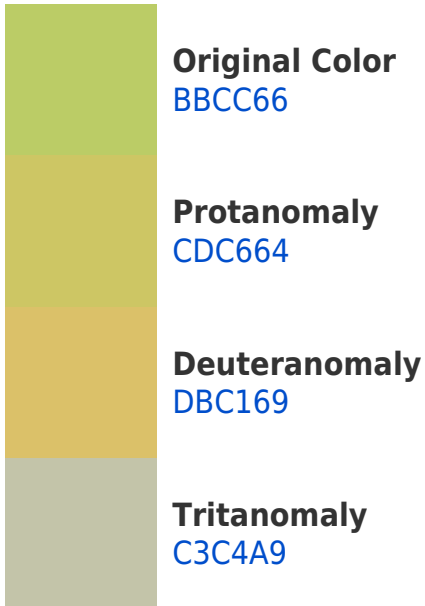
Dichromacy





Tritanopia
C7C0D0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BBCC66 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 #BBCC66 looks like.

```
.text, #text, p{  
    color:#BBCC66  
}
```

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 #BBCC66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BBCC66  
}
```

Border

The CSS property to change the border of an element to Hex BBCC66 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  
#BBCC66 }
```

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

```
.border{ border-color:#BBCC66 }
```

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

Here you see how a box with a 4 pixel #BBCC66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BBCC66; -webkit-box-shadow:4px 4px  
4px 4px #BBCC66; box-shadow:4px 4px 4px  
4px #BBCC66 }
```

Background

The CSS property to change the background color of an element to Hex BBCC66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BBCC66 }
```

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

```
.background{ background-color:#BBCC66 }
```

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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