

Converting Colors

Hex(B6CB58)

Have a look what the booklet for
Hex(B6CB58) contains.

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Color

Hex(B6CB58)

Conversions

Conversions Part 1

Format	Color
Hex	B6CB58
RGB	182, 203, 88
RGB Percent	71%, 80%, 35%
CMY	0.2863, 0.2039, 0.6549
CMYK	0.10, 0.00, 0.57, 0.20
HSL	71°, 53%, 57%
HSV	71°, 57%, 80%
XYZ	42.4088, 53.3615, 17.2971
YIQ	183.6110, 24.3990, -40.2170

Conversions

Conversions Part 2

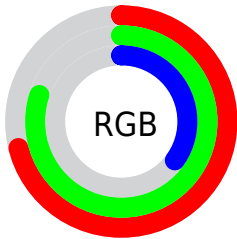
Format	Color
RYB	88, 203, 109
Decimal	11979608
CIELab	78.09, -23.48, 53.90
CIELCh	78, 58.795, 113.540
Yxy	53.3615, 0.3751, 0.4719
Android (android.graphics.Color)	4290169688 (0xFFB6CB58)
YUV	183.6110, -47.1362, -1.4128
Hunter-Lab	73.0490, -24.2070, 37.0951

Details

The Hex color **B6CB58** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted chartreuse. A complement of this color would be **6D58CB**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **F0FF8D**, and **7E9522** is the 20% darker color. If you saturate the color by 10%, you get **B2CB44**, and if you desaturate by 10%, it is **BACB6C**.

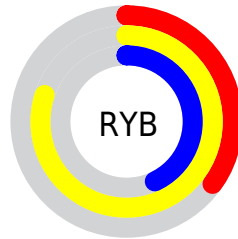
Distribution



Red (71%)

Green (80%)

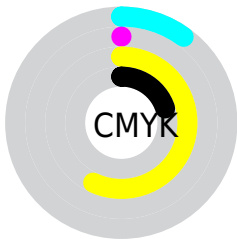
Blue (35%)



Red (35%)

Yellow (80%)

Blue (43%)

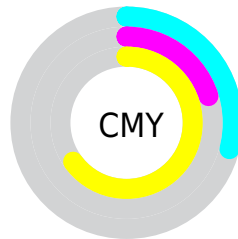


Cyan (10%)

Magenta (0%)

Yellow (57%)

Black (20%)



Cyan (29%)

Magenta (20%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color B6CB58 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 B6CB58 by changing the saturation by 10% instead.



B6CB58



B6CB58

FFFFFF



9AB03E



F0FF8D



7E9522



FFFFA9



647B00



FFFFC5



496200



FFFFE2



304A00



153400



002000



000000



B6CB58



B6CB58

 B2CB44

 BACB6C

 AFCB2F

 BDCB81

 ABCB1B

 C1CB95

 A7CB07

 C5CBA9

 A6CB00

 C9CBBE

 CCCBD2

 D0CBE6

 D4CBFA

 D7CBFF

Harmonies

Analogous

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



EBBA51



B6CB58



73D67E

Triad

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



B6CB58



00D7FF



FF93CF

Complementary

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



B6CB58



6D58CB

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.



F9A2FF



B6CB58



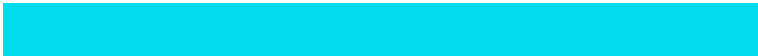
21CAFF

Square

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



B6CB58



00DCEB



B1B7FF



FF9599

Rectangle

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



B6CB58



26DBA0



B1B7FF



FF96E1

Sweetspot

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



B6CB58



F7FFD4



CB6B58



7B8066



000000



808080

Same Dimension

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



B6CB58



DFFF52



7ECB58



64665C



87A600



1F2600

Inverse Universe

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



6D58CB



7152FF



A558CB



5E5C66



1E00A6



070026

Previews

White Background



This preview shows how the Hex color B6CB58 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 B6CB58 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 B6CB58 Background



This preview shows how black text looks on a background with the Hex color B6CB58.

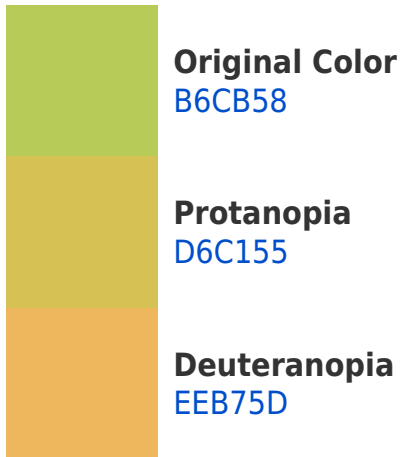


This preview shows how white text looks on a background with the Hex color B6CB58.

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](#).

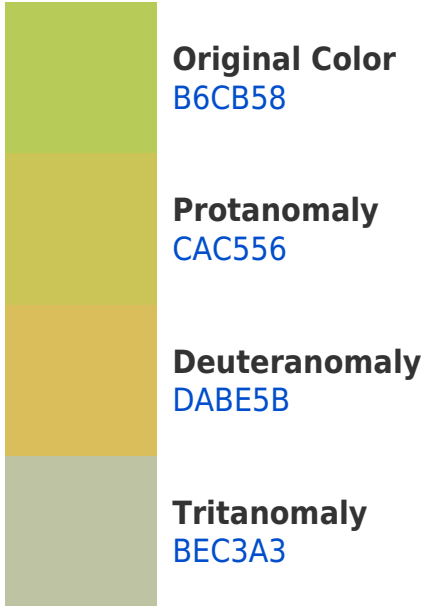
Dichromacy



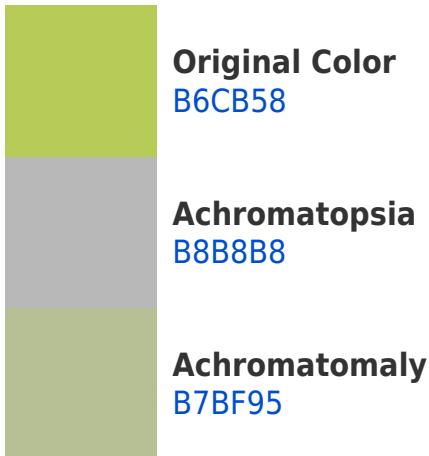


Tritanopia
C3BFCE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B6CB58 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 #B6CB58 looks like.

```
.text, #text, p{  
    color:#B6CB58  
}
```

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 #B6CB58 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B6CB58
}
```

Border

The CSS property to change the border of an element to Hex B6CB58 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
#B6CB58 }
```

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

```
.border{ border-color:#B6CB58 }
```

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

Here you see how a box with a 4 pixel #B6CB58 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B6CB58; -webkit-box-shadow:4px 4px  
4px 4px #B6CB58; box-shadow:4px 4px 4px  
4px #B6CB58 }
```

Background

The CSS property to change the background color of an element to Hex B6CB58 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B6CB58 }
```

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

```
.background{ background-color:#B6CB58 }
```

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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