

Converting Colors

Hex(B6CD56)

Have a look what the booklet for
Hex(B6CD56) contains.

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Color

Hex(B6CD56)

Conversions

Conversions Part 1

Format	Color
Hex	B6CD56
RGB	182, 205, 86
RGB Percent	71%, 80%, 34%
CMY	0.2863, 0.1961, 0.6627
CMYK	0.11, 0.00, 0.58, 0.20
HSL	72°, 54%, 57%
HSV	72°, 58%, 80%
XYZ	42.8024, 54.2796, 17.0252
YIQ	184.5570, 24.4910, -41.8850

Conversions

Conversions Part 2

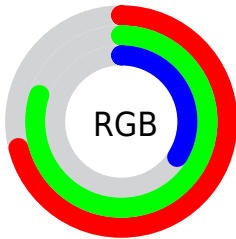
Format	Color
RYB	86, 205, 109
Decimal	11980118
CIELab	78.62, -24.62, 55.40
CIElCh	79, 60.621, 113.958
Yxy	54.2796, 0.3751, 0.4757
Android (android.graphics.Color)	4290170198 (0xFFB6CD56)
YUV	184.5570, -48.5886, -2.2425
Hunter-Lab	73.6747, -25.2284, 37.8712

Details

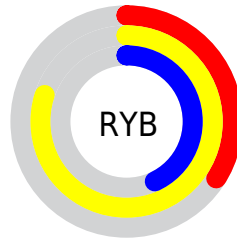
The Hex color **B6CD56** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted chartreuse. A complement of this color would be **6D56CD**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **F0FF8C**, and **7E971F** is the 20% darker color. If you saturate the color by 10%, you get **B2CD42**, and if you desaturate by 10%, it is **BACD6B**.

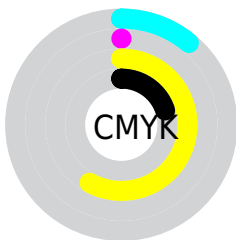
Distribution



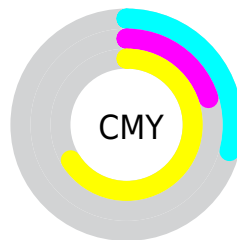
- Red (71%)
- Green (80%)
- Blue (34%)



- Red (34%)
- Yellow (80%)
- Blue (43%)



- Cyan (11%)
- Magenta (0%)
- Yellow (58%)
- Black (20%)



- Cyan (29%)
- Magenta (20%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color B6CD56 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 B6CD56 by changing the saturation by 10% instead.

 B6CD56

 B6CD56

FFFFFF

 9AB23B

 F0FF8C

 7E971F

 FFFFA7

 637D00


 FFFFC3

 496400

 FFFF E0

 2F4C00

FFFFFFD

 143500

 002100

 000000

 B6CD56

 B6CD56

 B2CD42

 BACD6B

 AECD2D

 BECD7F

 AACD19

 C2CD94

 A6CD04

 C6CDA8

 A5CD00

 CACDBD

 CECDD1

 D2CDE6

 D6CDFA

 DACDFF

Harmonies

Analogous

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



EDBC4E



B6CD56



71D87E

Triad

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



B6CD56



00D9FF



FF93D0

Complementary

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



B6CD56



6D56CD

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.



FDA2FF



B6CD56



0BCCFF

Square

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



B6CD56



00DEEF



B3B8FF



FF9598

Rectangle

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



B6CD56



11DDA1



B3B8FF



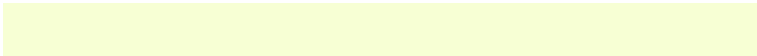
FF96E3

Sweetspot

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



B6CD56



F7FFD4



CD6C56



7B8066



000000



808080

Same Dimension

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



B6CD56



DCFF4D



7CCD56



64665C



86A600



1F2600

Inverse Universe

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



6D56CD



6F4DFF



A756CD



5E5C66



2000A6



070026

Previews

White Background



This preview shows how the Hex color B6CD56 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 B6CD56 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 B6CD56 Background



This preview shows how black text looks on a background with the Hex color B6CD56.

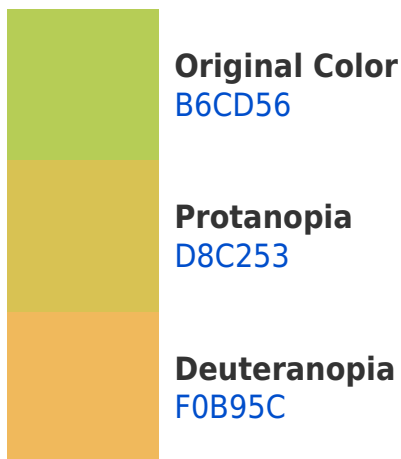


This preview shows how white text looks on a background with the Hex color B6CD56.

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](#).

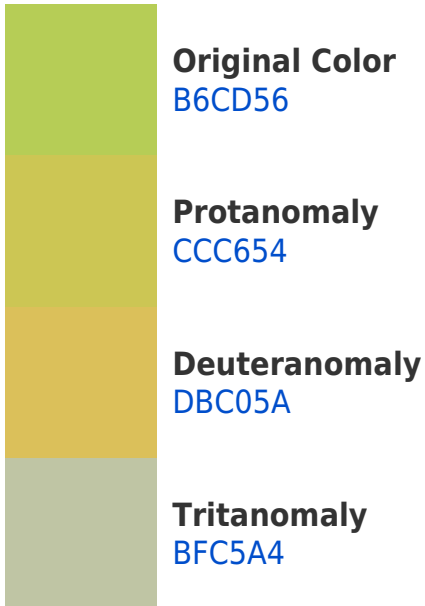
Dichromacy



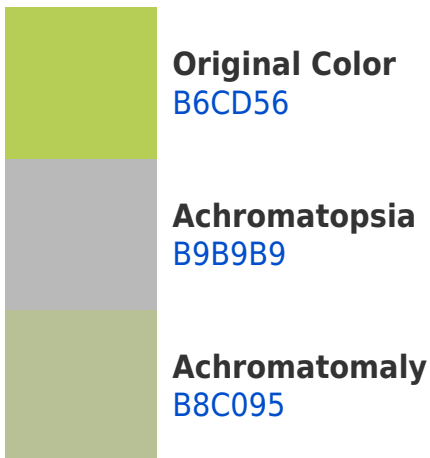


Tritanopia
C4C0D0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B6CD56 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 #B6CD56 looks like.

```
.text, #text, p{  
    color:#B6CD56  
}
```

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 #B6CD56 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B6CD56
}
```

Border

The CSS property to change the border of an element to Hex B6CD56 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
#B6CD56 }
```

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

```
.border{ border-color:#B6CD56 }
```

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

Here you see how a box with a 4 pixel #B6CD56 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B6CD56; -webkit-box-shadow:4px 4px  
4px 4px #B6CD56; box-shadow:4px 4px 4px  
4px #B6CD56 }
```

Background

The CSS property to change the background color of an element to Hex B6CD56 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B6CD56 }
```

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

```
.background{ background-color:#B6CD56 }
```

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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