

Converting Colors

Hex(6CBD67)

Have a look what the booklet for
Hex(6CBD67) contains.

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Color

Hex(6CBD67)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 6CBD67 |
| RGB | 108, 189, 103 |
| RGB Percent | 42%, 74%, 40% |
| CMY | 0.5765, 0.2588, 0.5961 |
| CMYK | 0.43, 0.00, 0.46, 0.26 |
| HSL | 117°, 39%, 57% |
| HSV | 117°, 46%, 74% |
| XYZ | 26.8301, 40.5626, 19.2472 |
| YIQ | 154.9770, -20.6700, -43.9180 |

Conversions

Conversions Part 2

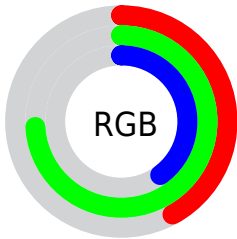
| Format | Color |
|-------------------------------------|--|
| RYB | 103, 189, 184 |
| Decimal | 7126375 |
| CIELab | 69.87, -42.13, 35.80 |
| CIELCh | 70, 55.288, 139.640 |
| Yxy | 40.5626, 0.3097, 0.4682 |
| Android (android.graphics.Color) | 4285316455 (0xFF6CBD67) |
| YUV | 154.9770, -25.6247, -41.1988 |
| Hunter-Lab | 63.6888, -36.2588, 26.6643 |

Details

The Hex color **6CBD67** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **B867BD**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **A3F69B**, and **348736** is the 20% darker color. If you saturate the color by 10%, you get **5ABD54**, and if you desaturate by 10%, it is **7EBD7A**.

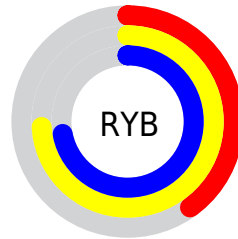
Distribution



Red (42%)

Green (74%)

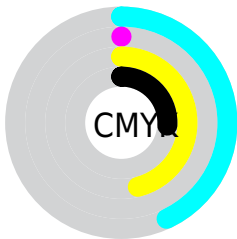
Blue (40%)



Red (40%)

Yellow (74%)

Blue (72%)

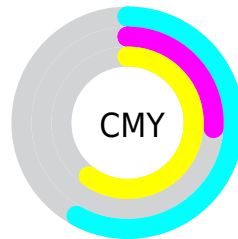


Cyan (43%)

Magenta (0%)

Yellow (46%)

Black (26%)



Cyan (58%)

Magenta (26%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6CBD67 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 6CBD67 by changing the saturation by 10% instead.

 6CBD67

 6CBD67


FFFFFF

 51A24E

 A3F69B

 348736

 C0FFB7

 136D1D

 DDFFD3

 005402

 FAFFEF

 003C00

 002700

 000000

 6CBD67

 6CBD67

 5ABD54

 7EBD7A

 48BD41

 90BD8D

 37BD2E

 A1BDA0

 25BD1B

 B3BDB3

 13BD08

 C5BDC6

 0BBD00

 D7BDD8

 E9BDEB

 FABDFE

 FFBDFE

Harmonies

Analogous

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



A7B247



6CBD67



00C397

Triad

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



6CBD67



00B5FF



FF818C

Complementary

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



6CBD67



B867BD

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.



FE81BE



6CBD67



90A4FF

Square

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



6CBD67



00C0F6



D790EC



F98F60

Rectangle

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



6CBD67



00C4BA



D790EC



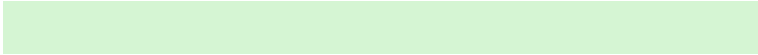
FF7F9C

Sweetspot

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



6CBD67



D5F5D3



BDB767



677A66



FAFAFA



7A7A7A

Same Dimension

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



6CBD67



76F56E



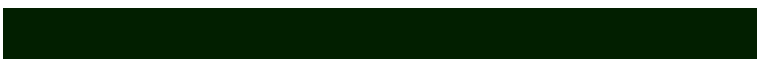
67BD8C



555E55



099E00



021F00

Inverse Universe

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



B867BD



ED6EF5



BD6798



5E555E



95009E



1D001F

Previews

White Background



This preview shows how the Hex color 6CBD67 looks on a white background.

Color Contrast Check

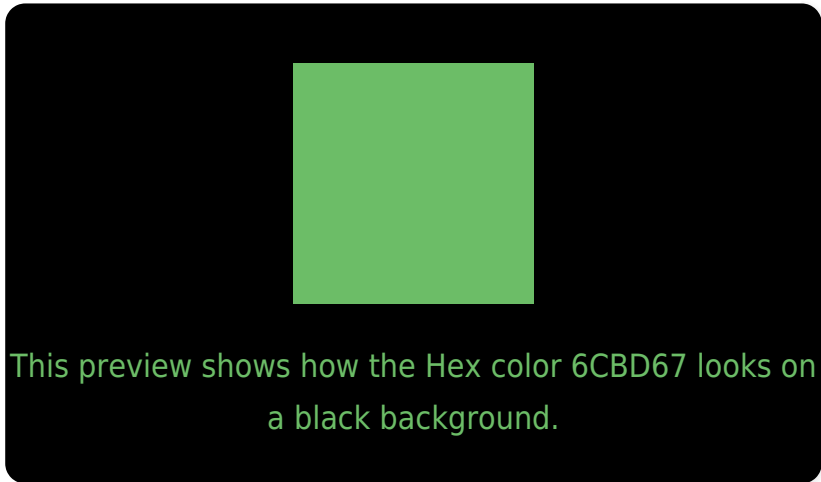
Large Text (above 18pt) WCAG AA × Fail

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

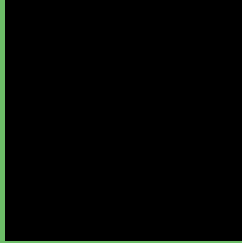
Any Text WCAG AA ✓ Pass

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 6CBD67 Background



This preview shows how black text looks on a background with the Hex color 6CBD67.

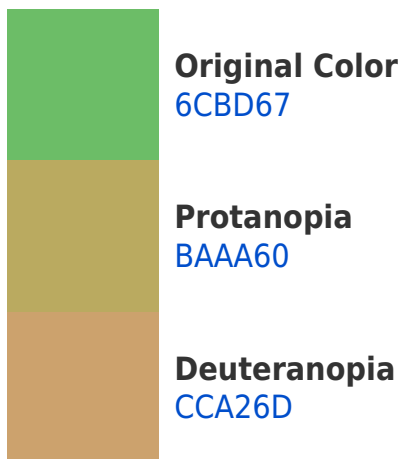


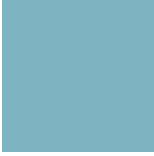
This preview shows how white text looks on a background with the Hex color 6CBD67.

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
7EB3C1

Trichromacy



Original Color
6CBD67



Protanomaly
9EB163



Deuteranomaly
A9AC6B



Tritanomaly
77B7A0

Monochromacy



Original Color
6CBD67



Achromatopsia
9B9B9B



Achromatomaly
8AA788

CSS Examples

Text

The CSS property to change the color of the text to Hex 6CBD67 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 #6CBD67 looks like.

```
.text, #text, p{  
    color:#6CBD67  
}
```

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 #6CBD67 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6CBD67
}
```

Border

The CSS property to change the border of an element to Hex 6CBD67 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
#6CBD67 }
```

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

```
.border{ border-color:#6CBD67 }
```

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

Here you see how a box with a 4 pixel #6CBD67 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6CBD67; -webkit-box-shadow:4px 4px  
4px 4px #6CBD67; box-shadow:4px 4px 4px  
4px #6CBD67 }
```

Background

The CSS property to change the background color of an element to Hex 6CBD67 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6CBD67 }
```

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

```
.background{ background-color:#6CBD67 }
```

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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