

Converting Colors

Hex(6BCD6A)

Have a look what the booklet for
Hex(6BCD6A) contains.

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Color

Hex(6BCD6A)

Conversions

Conversions Part 1

Format	Color
Hex	6BCD6A
RGB	107, 205, 106
RGB Percent	42%, 80%, 42%
CMY	0.5804, 0.1961, 0.5843
CMYK	0.48, 0.00, 0.48, 0.20
HSL	119°, 50%, 61%
HSV	119°, 48%, 80%
XYZ	30.4962, 47.8291, 21.2603
YIQ	164.4120, -26.6290, -51.5650

Conversions

Conversions Part 2

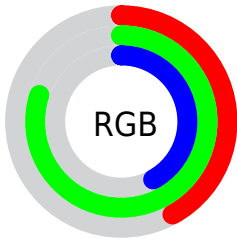
Format	Color
RYB	106, 205, 204
Decimal	7064938
CIELab	74.72, -48.72, 40.38
CIElCh	75, 63.280, 140.349
Yxy	47.8291, 0.3062, 0.4803
Android (android.graphics.Color)	4285255018 (0xFF6BCD6A)
YUV	164.4120, -28.7971, -50.3503
Hunter-Lab	69.1586, -42.3159, 30.1844

Details

The Hex color **6BCD6A** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **CC6ACD**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **A4FF9F**, and **2F9638** is the 20% darker color. If you saturate the color by 10%, you get **57CD56**, and if you desaturate by 10%, it is **7FCD7F**.

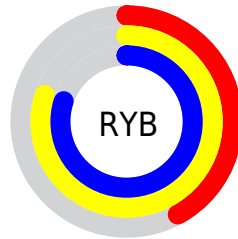
Distribution



Red (42%)

Green (80%)

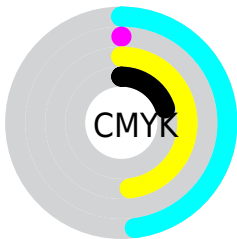
Blue (42%)



Red (42%)

Yellow (80%)

Blue (80%)

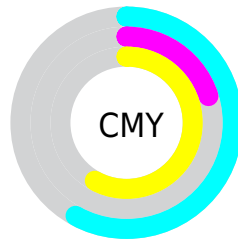


Cyan (48%)

Magenta (0%)

Yellow (48%)

Black (20%)



Cyan (58%)

Magenta (20%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6BCD6A 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 6BCD6A by changing the saturation by 10% instead.

 6BCD6A

 6BCD6A

FFFFFF

 4EB151

 A4FF9F

 2F9638

 C1FFBA

 007B1E

 DEFFD7

 006200

 FCFFF3

 004900

 003200

 001900

 000000

 6BCD6A

 6BCD6A

 57CD56

 7FCD7F

 42CD41

 94CD93

 2ECD2D

 A8CDA8

 1ACD18

 BCCDBC

 06CD04

 D0CDD1

 02CD00

 E5CDE5

 F9CDFA

 FFCDFE

Harmonies

Analogous

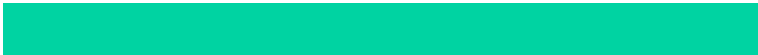
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



B1C143



6BCD6A



00D3A2

Triad

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



6BCD6A



00C4FF



FF8693

Complementary

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



6BCD6A



CC6ACD

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.



FF86CD



6BCD6A



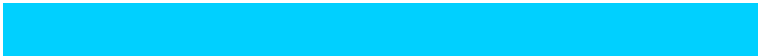
99B0FF

Square

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



6BCD6A



00D0FF



ED98FF



FF9860

Rectangle

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



6BCD6A



00D5CB



ED98FF



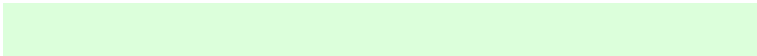
FF83A6

Sweetspot

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



6BCD6A



DCFFDB



CDCB6A



6A806A



000000



808080

Same Dimension

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



6BCD6A



6DFF6B



6ACD9A



5C665C



02A600



002600

Inverse Universe

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



CC6ACD



FE6BFF



CD6A9D



665C66



A400A6



260026

Previews

White Background



This preview shows how the Hex color 6BCD6A looks on a white background.

Color Contrast Check

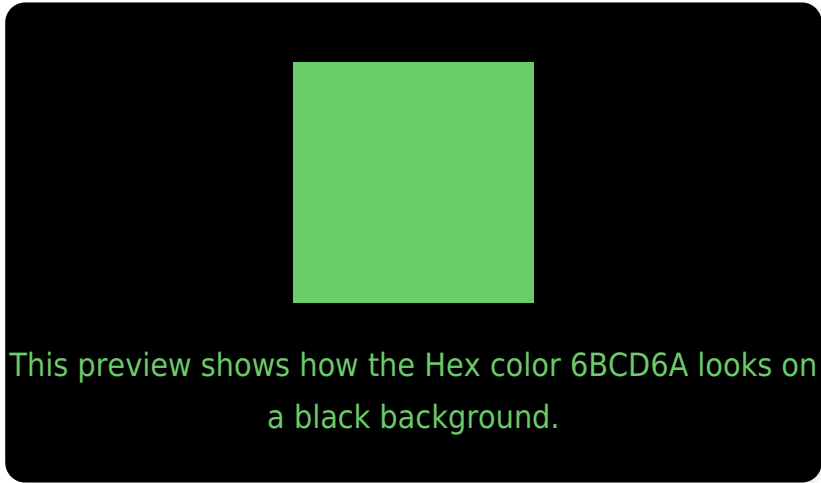
Large Text (above 18pt) WCAG AA × Fail

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

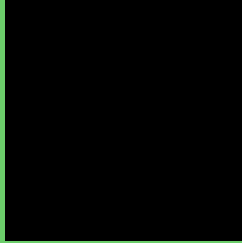
Any Text WCAG AA ✓ Pass

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 6BCD6A Background



This preview shows how black text looks on a background with the Hex color 6BCD6A.



This preview shows how white text looks on a background with the Hex color 6BCD6A.

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
6BCD6A

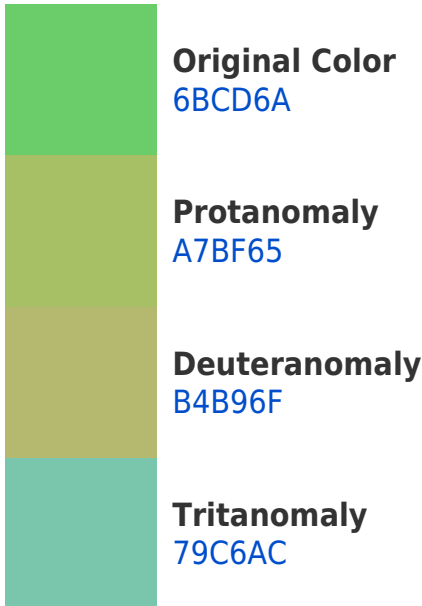
Protanopia
C9B762

Deuteranopia
DDAE72

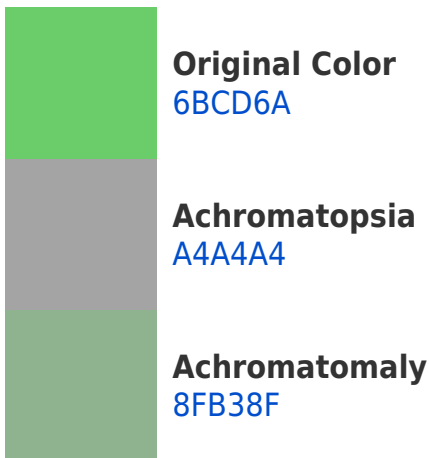


Tritanopia
81C2D1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6BCD6A 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 #6BCD6A looks like.

```
.text, #text, p{  
    color:#6BCD6A  
}
```

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 #6BCD6A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BCD6A
}
```

Border

The CSS property to change the border of an element to Hex 6BCD6A 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
#6BCD6A }
```

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

```
.border{ border-color:#6BCD6A }
```

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

Here you see how a box with a 4 pixel #6BCD6A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BCD6A; -webkit-box-shadow:4px 4px  
4px 4px #6BCD6A; box-shadow:4px 4px 4px  
4px #6BCD6A }
```

Background

The CSS property to change the background color of an element to Hex 6BCD6A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BCD6A }
```

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

```
.background{ background-color:#6BCD6A }
```

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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