

# Converting Colors

Hex(6ACC66)

Have a look what the booklet for  
Hex(6ACC66) contains.

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**Color**

**Hex(6ACC66)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6ACC66
RGB	106, 204, 102
RGB Percent	42%, 80%, 40%
CMY	0.5843, 0.2000, 0.6000
CMYK	0.48, 0.00, 0.50, 0.20
HSL	118°, 50%, 60%
HSV	118°, 50%, 80%
XYZ	29.9350, 47.2092, 20.1049
YIQ	163.0700, -25.6660, -52.4980

# Conversions

## Conversions Part 2

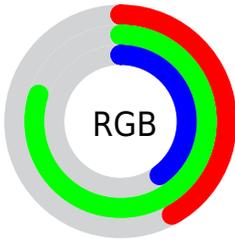
Format	Color
<a href="#">RYB</a>	<a href="#">102, 204, 200</a>
Decimal	<a href="#">6999142</a>
CIELab	<a href="#">74.32, -49.14, 41.84</a>
CIELCh	<a href="#">74, 64.540, 139.585</a>
Yxy	<a href="#">47.2092, 0.3078, 0.4854</a>
Android (android.graphics.Color)	<a href="#">4285189222 (0xFF6ACC66)</a>
YUV	<a href="#">163.0700, -30.1075, -50.0504</a>
Hunter-Lab	<a href="#">68.7090, -42.4721, 30.7474</a>

# Details

The Hex color **6ACC66** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **C866CC**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **A3FF9B**, and **2E9533** is the 20% darker color. If you saturate the color by 10%, you get **56CC52**, and if you desaturate by 10%, it is **7ECC7A**.

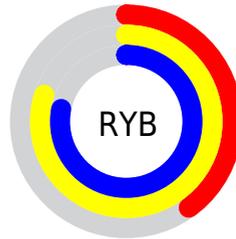
# Distribution



Red (42%)

Green (80%)

Blue (40%)



Red (40%)

Yellow (80%)

Blue (78%)



Cyan (48%)

Magenta (0%)

Yellow (50%)

Black (20%)



Cyan (58%)

Magenta (20%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6ACC66 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 6ACC66 by changing the saturation by 10% instead.

 6ACC66

 6ACC66

FFFFFF

 4DB04D

 A3FF9B

 2E9533

 C0FFB6

 007A19

 DDFFD2

 006100

 FBFFEF

 004800

 003100

 001800

 000000

 6ACC66

 6ACC66

 56CC52

 7ECC7A

 43CC3D

 91CC8F

 2FCC29

 A5CCA3

 1CCC14

 B8CCB8

 08CC00

 CCCCCC

 E0CCE0

 F3CCF5

 FFCCFF

# Harmonies

## Analogous

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



B1C03E



6ACC66



00D29F

# Triad

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



6ACC66



00C3FF



FF8392

# Complementary

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



6ACC66



C866CC

# 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.



FF83CE



6ACC66



94B0FF

# Square

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



6ACC66



00CFFF



EB97FF



FF955E

# Rectangle

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



6ACC66



00D4C9



EB97FF



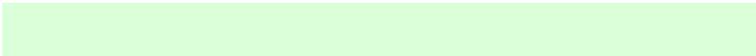
FF81A6

# Sweetspot

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



6ACC66



DAFFD9



CCC766



698069



000000



808080



# Same Dimension

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



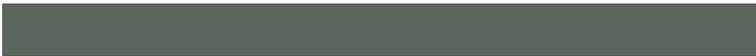
6ACC66



6CFF66



66CC94



5C665C



06A600



012600



# Inverse Universe

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



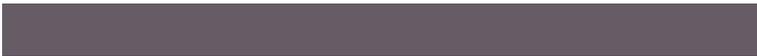
C866CC



F966FF



CC669E



665C66



9F00A6

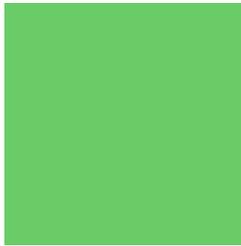


250026



# Previews

## White Background



This preview shows how the Hex color 6ACC66 looks on a white background.

## Color Contrast Check

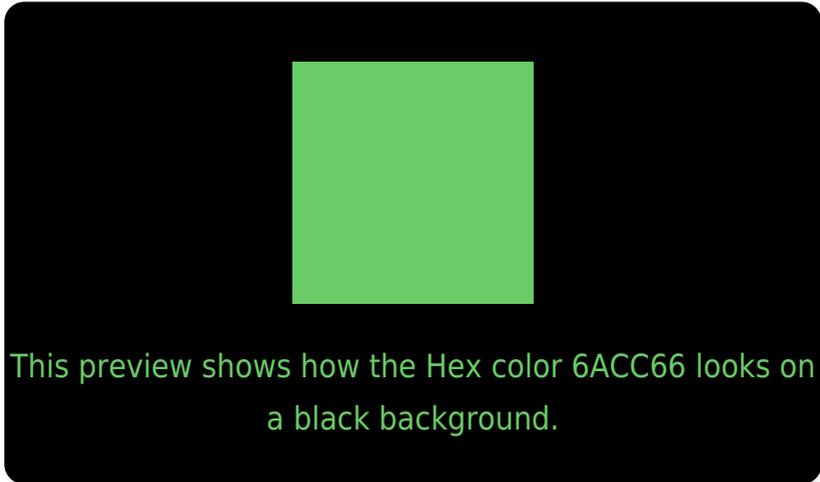
Large Text (above 18pt) WCAG AA × Fail

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

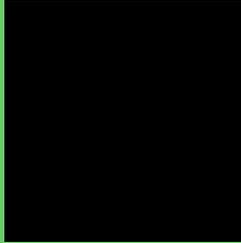
Any Text WCAG AA ✓ Pass

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 6ACC66 Background



This preview shows how black text looks on a background with the Hex color 6ACC66.

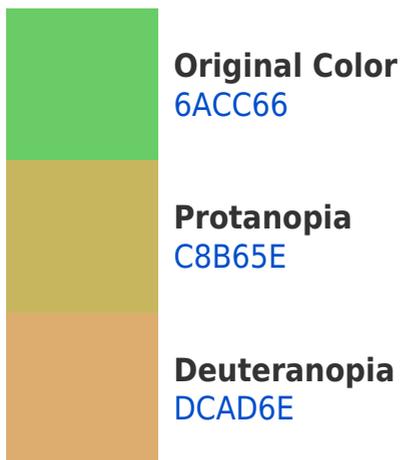


This preview shows how white text looks on a background with the Hex color 6ACC66.

# 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](#).

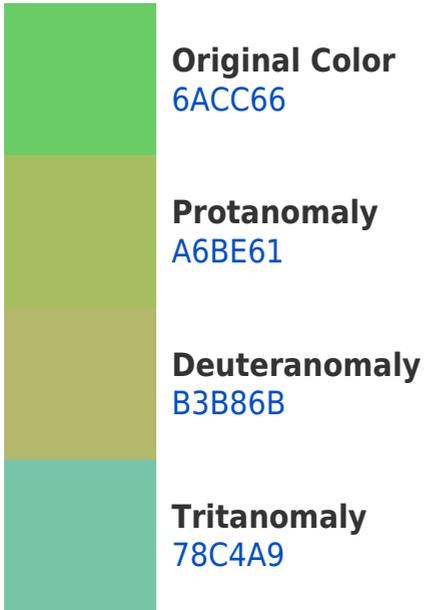
## Dichromacy



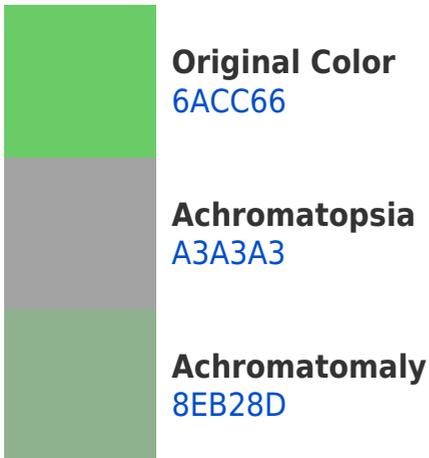


**Tritanopia**  
80C0D0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6ACC66 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 #6ACC66 looks like.

```
.text, #text, p{  
    color:#6ACC66  
}
```

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 #6ACC66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6ACC66
}
```

## Border

The CSS property to change the border of an element to Hex 6ACC66 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
#6ACC66 }
```

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

```
.border{ border-color:#6ACC66 }
```

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

Here you see how a box with a 4 pixel #6ACC66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6ACC66; -webkit-box-shadow:4px 4px  
4px 4px #6ACC66; box-shadow:4px 4px 4px  
4px #6ACC66 }
```

# Background

The CSS property to change the background color of an element to Hex 6ACC66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6ACC66 }
```

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

```
.background{ background-color:#6ACC66 }
```

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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