

Converting Colors

Hex(6CCC55)

Have a look what the booklet for
Hex(6CCC55) contains.

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Color

Hex(6CCC55)

Conversions

Conversions Part 1

Format	Color
Hex	6CCC55
RGB	108, 204, 85
RGB Percent	42%, 80%, 33%
CMY	0.5765, 0.2000, 0.6667
CMYK	0.47, 0.00, 0.58, 0.20
HSL	108°, 54%, 57%
HSV	108°, 58%, 80%
XYZ	29.4169, 47.0298, 16.1215
YIQ	161.7300, -19.0170, -57.3610

Conversions

Conversions Part 2

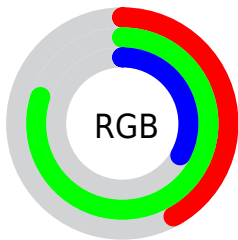
Format	Color
RYB	85, 204, 181
Decimal	7130197
CIELab	74.21, -50.62, 49.73
CIELCh	74, 70.957, 135.510
Yxy	47.0298, 0.3178, 0.5081
Android (android.graphics.Color)	4285320277 (0xFF6CCC55)
YUV	161.7300, -37.8279, -47.1212
Hunter-Lab	68.5782, -43.4437, 34.0667

Details

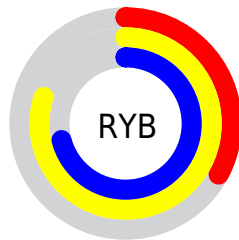
The Hex color **6CCC55** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted chartreuse. A complement of this color would be **B555CC**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **A5FF8A**, and **2F951F** is the 20% darker color. If you saturate the color by 10%, you get **5CCC41**, and if you desaturate by 10%, it is **7CCC69**.

Distribution



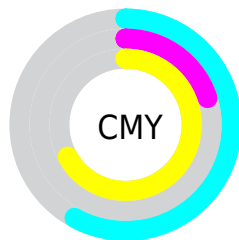
- Red (42%)
- Green (80%)
- Blue (33%)



- Red (33%)
- Yellow (80%)
- Blue (71%)



- Cyan (47%)
- Magenta (0%)
- Yellow (58%)
- Black (20%)



- Cyan (58%)
- Magenta (20%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6CCC55 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 6CCC55 by changing the saturation by 10% instead.

 6CCC55

 6CCC55

FFFFFF

 4FB03B

 A5FF8A

 2F951F

 C2FFA5

 007A00

 E0FFC1

 006100

 FEFFDE

 004800

 FFFFFB

 003100

 001700

 000000

 6CCC55

 6CCC55

 5CCC41

 7CCC69

 4BCC2C

 8DCC7E

 3BCC18

 9DCC92

 2ACC03

 AECCA7

 27CC00

 BECCBB

 CFCCCF

 DFCCE4

 F0CCF8

 FFCCFF

Harmonies

Analogous

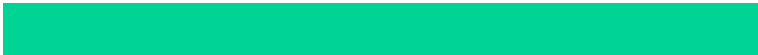
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



B8BE27



6CCC55



00D494

Triad

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



6CCC55



00C7FF



FF7997

Complementary

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



6CCC55



B555CC

Split Complementary

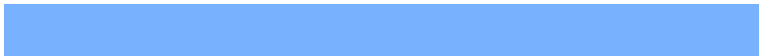
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF7DD9



6CCC55



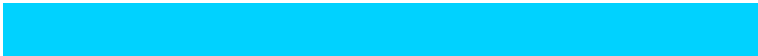
78B2FF

Square

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



6CCC55



00D2FF



E596FF



FF8D5C

Rectangle

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



6CCC55



00D6C1



E596FF



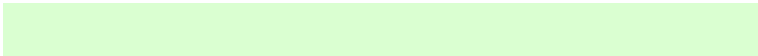
FF78AD

Sweetspot

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



6CCC55



DAFFD1



CCB455



698063



000000



808080

Same Dimension

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



6CCC55



6FFF4D



55CC79



5E665C



20A600



072600

Inverse Universe

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



B555CC



DD4DFF



CC55A8



645C66



8600A6



1F0026

Previews

White Background



This preview shows how the Hex color 6CCC55 looks on a white background.

Color Contrast Check

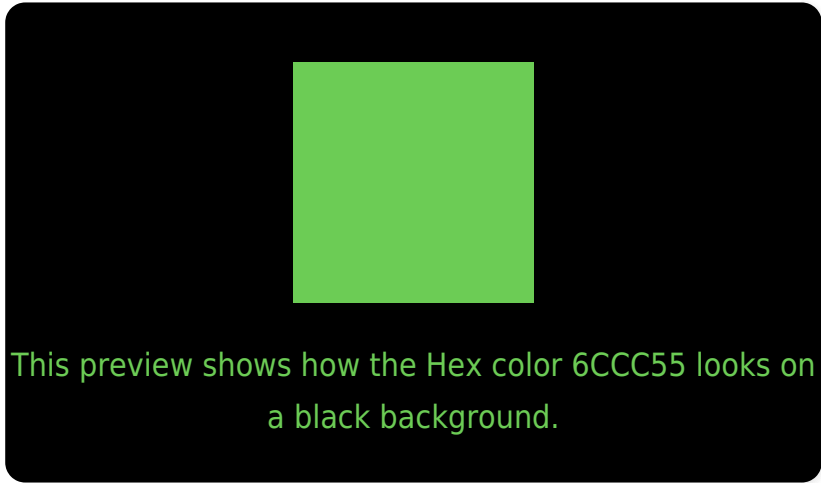
Large Text (above 18pt) WCAG AA × Fail

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

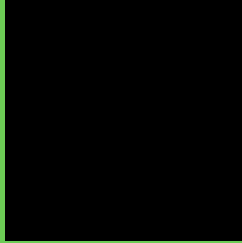
Any Text WCAG AA ✓ Pass

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 6CCC55 Background



This preview shows how black text looks on a background with the Hex color 6CCC55.

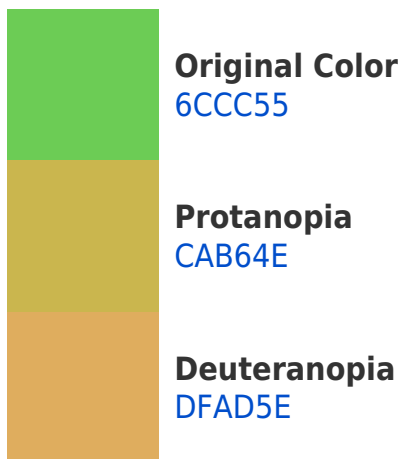


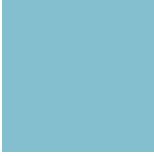
This preview shows how white text looks on a background with the Hex color 6CCC55.

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](#).

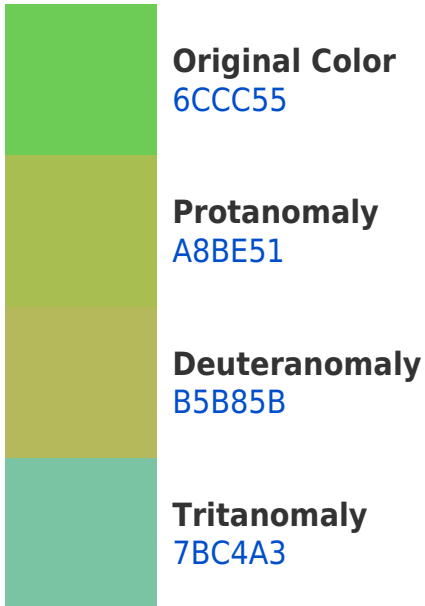
Dichromacy



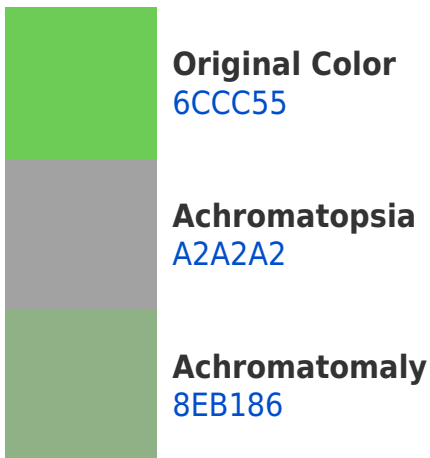


Tritanopia
83BFCF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6CCC55 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 #6CCC55 looks like.

```
.text, #text, p{  
    color:#6CCC55  
}
```

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 #6CCC55 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6CCC55
}
```

Border

The CSS property to change the border of an element to Hex 6CCC55 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
#6CCC55 }
```

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

```
.border{ border-color:#6CCC55 }
```

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

Here you see how a box with a 4 pixel #6CCC55 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6CCC55; -webkit-box-shadow:4px 4px  
4px 4px #6CCC55; box-shadow:4px 4px 4px  
4px #6CCC55 }
```

Background

The CSS property to change the background color of an element to Hex 6CCC55 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6CCC55 }
```

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

```
.background{ background-color:#6CCC55 }
```

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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