

Converting Colors

Hex(66CC56)

Have a look what the booklet for
Hex(66CC56) contains.

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Color

Hex(66CC56)

Conversions

Conversions Part 1

Format	Color
Hex	66CC56
RGB	102, 204, 86
RGB Percent	40%, 80%, 34%
CMY	0.6000, 0.2000, 0.6627
CMYK	0.50, 0.00, 0.58, 0.20
HSL	112°, 54%, 57%
HSV	112°, 58%, 80%
XYZ	28.7521, 46.6824, 16.2993
YIQ	160.0500, -22.9140, -58.3220

Conversions

Conversions Part 2

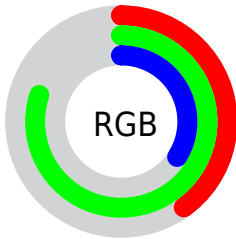
Format	Color
RYB	86, 204, 188
Decimal	6736982
CIELab	73.99, -52.23, 48.95
CIELCh	74, 71.583, 136.852
Yxy	46.6824, 0.3134, 0.5089
Android (android.graphics.Color)	4284927062 (0xFF66CC56)
YUV	160.0500, -36.5066, -50.9098
Hunter-Lab	68.3245, -44.4522, 33.6831

Details

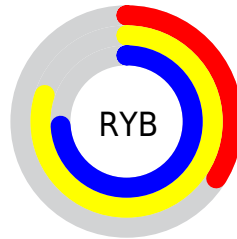
The Hex color **66CC56** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted chartreuse. A complement of this color would be **BC56CC**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **A0FF8B**, and **269521** is the 20% darker color. If you saturate the color by 10%, you get **54CC42**, and if you desaturate by 10%, it is **78CC6A**.

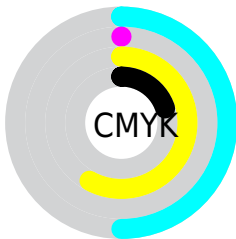
Distribution



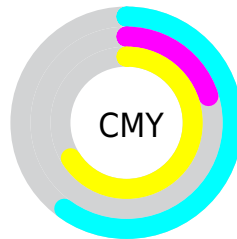
- Red (40%)
- Green (80%)
- Blue (34%)



- Red (34%)
- Yellow (80%)
- Blue (74%)



- Cyan (50%)
- Magenta (0%)
- Yellow (58%)
- Black (20%)



- Cyan (60%)
- Magenta (20%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 66CC56 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 66CC56 by changing the saturation by 10% instead.

 66CC56

 66CC56

FFFFFF

 48B03C

 A0FF8B

 269521

 BDFFA6

 007A00

 DAFFC2

 006100

 F8FFDF

 004800

 FFFFFC

 003100

 001600

 000000

 66CC56

 66CC56

 54CC42

 78CC6A

 43CC2D

 89CC7F

 31CC19

 9BCC93

 1FCC04

 ADCCA8

 1CCC00

 BECCBC

 D0CCD0

 E1CCE5

 F3CCF9

 FFCCFF

Harmonies

Analogous

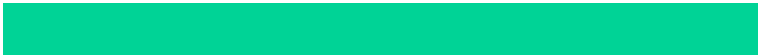
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



B4BE26



66CC56



00D396

Triad

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



66CC56



00C6FF



FF7894

Complementary

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



66CC56



BC56CC

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.



FF7BD6



66CC56



7DB0FF

Square

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



66CC56



00D1FF



E894FF



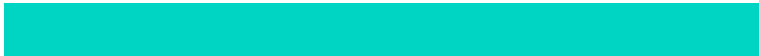
FF8D58

Rectangle

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



66CC56



00D5C4



E894FF



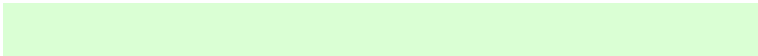
FF76A9

Sweetspot

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



66CC56



DAFFD4



CCBA56



698066



000000



808080

Same Dimension

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



66CC56



67FF4F



56CC7F



5D665C



16A600



052600

Inverse Universe

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



BC56CC



E74FFF



CC56A3



655C66



8F00A6



210026

Previews

White Background



This preview shows how the Hex color 66CC56 looks on a white background.

Color Contrast Check

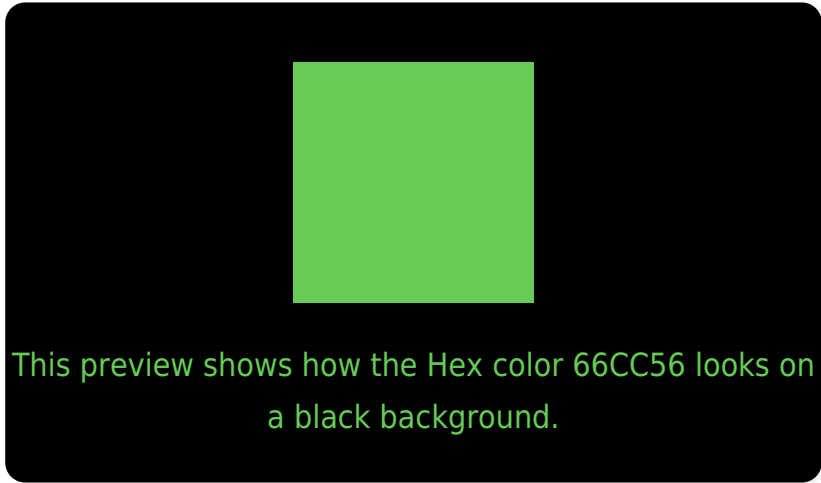
Large Text (above 18pt) WCAG AA × Fail

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 66CC56 Background



This preview shows how black text looks on a background with the Hex color 66CC56.

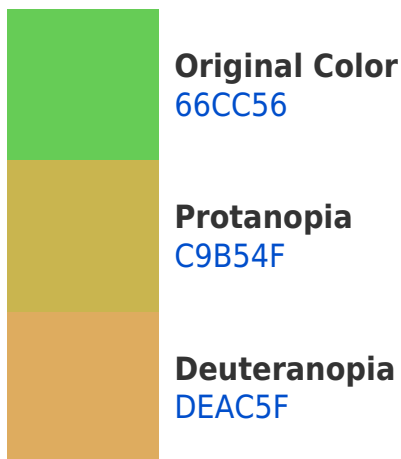


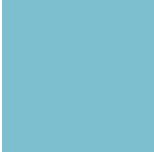
This preview shows how white text looks on a background with the Hex color 66CC56.

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](#).

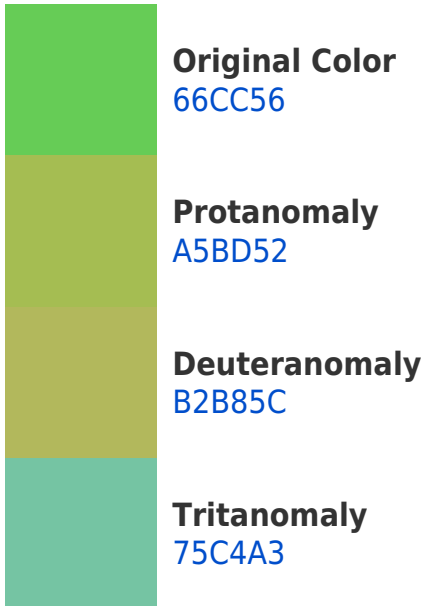
Dichromacy



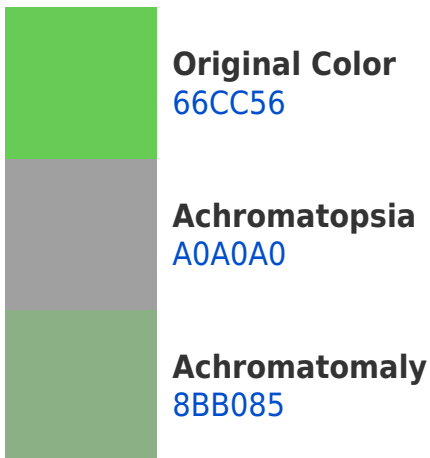


Tritanopia
7EBFCF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 66CC56 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 #66CC56 looks like.

```
.text, #text, p{  
    color:#66CC56  
}
```

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 #66CC56 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66CC56
}
```

Border

The CSS property to change the border of an element to Hex 66CC56 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
#66CC56 }
```

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

```
.border{ border-color:#66CC56 }
```

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

Here you see how a box with a 4 pixel #66CC56 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66CC56; -webkit-box-shadow:4px 4px  
4px 4px #66CC56; box-shadow:4px 4px 4px  
4px #66CC56 }
```

Background

The CSS property to change the background color of an element to Hex 66CC56 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66CC56 }
```

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

```
.background{ background-color:#66CC56 }
```

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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