

Converting Colors

Hex(56CD57)

Have a look what the booklet for
Hex(56CD57) contains.

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Color

Hex(56CD57)

Conversions

Conversions Part 1

Format	Color
Hex	56CD57
RGB	86, 205, 87
RGB Percent	34%, 80%, 34%
CMY	0.6627, 0.1961, 0.6588
CMYK	0.58, 0.00, 0.58, 0.20
HSL	121°, 54%, 57%
HSV	121°, 58%, 80%
XYZ	27.3894, 46.3292, 16.5157
YIQ	155.9670, -33.0460, -61.9260

Conversions

Conversions Part 2

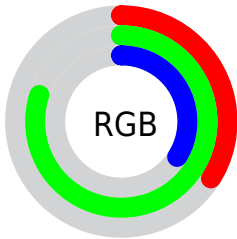
Format	Color
RYB	86, 204, 205
Decimal	5688663
CIELab	73.76, -56.63, 48.09
CIELCh	74, 74.300, 139.662
Yxy	46.3292, 0.3035, 0.5134
Android (android.graphics.Color)	4283878743 (0xFF56CD57)
YUV	155.9670, -34.0007, -61.3611
Hunter-Lab	68.0656, -47.2869, 33.2595

Details

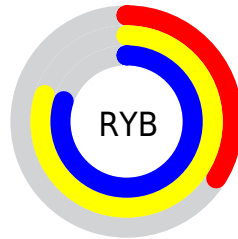
The Hex color **56CD57** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted green. A complement of this color would be **CD56CC**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **92FF8C**, and **009622** is the 20% darker color. If you saturate the color by 10%, you get **42CD43**, and if you desaturate by 10%, it is **6BCD6B**.

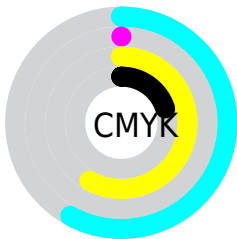
Distribution



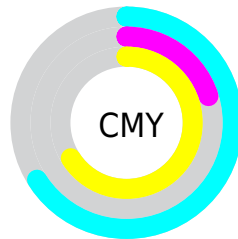
- Red (34%)
- Green (80%)
- Blue (34%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 56CD57 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 56CD57 by changing the saturation by 10% instead.

 56CD57

 56CD57

FFFFFF

 35B13D

 92FF8C

 009622

 AFFFA7

 007B00

 CDFFC3

 006100

 EBFEE0

 004800

FFFFFFD

 003100

 001600

 000000

 56CD57

 56CD57

 42CD43

 6BCD6B

 2DCD2E

 7FCD80

 19CD1A

 94CD94

 04CD06

 A8CDA8

 00CD02

 BDCDBD

 D1CDD1

 E6CDE5

 FACDFA

 FFCDFE

Harmonies

Analogous

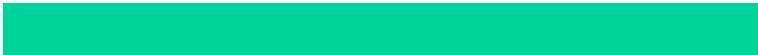
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



ACBF1E



56CD57



00D49B

Triad

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



56CD57



00C4FF



FF758B

Complementary

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



56CD57



CD56CC

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.



FF75D0



56CD57



86ADFF

Square

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



56CD57



00D1FF



F08FFF



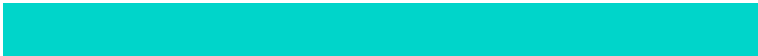
FF8D4E

Rectangle

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



56CD57



00D5CA



F08FFF



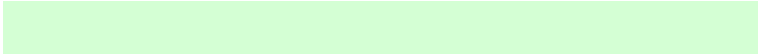
FF72A2

Sweetspot

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



56CD57



D4FFD4



CDCD56



668066



000000



808080

Same Dimension

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



56CD57



4DFF4E



56CD92



5C665C



00A601



002600

Inverse Universe

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



CD56CC



FF4DFE



CD5692



665C66



A600A4



260026

Previews

White Background



This preview shows how the Hex color 56CD57 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



This preview shows how the Hex color 56CD57 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

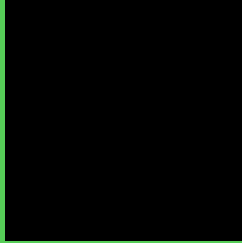
Any Text WCAG AA ✓ Pass

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 56CD57 Background



This preview shows how black text looks on a background with the Hex color 56CD57.

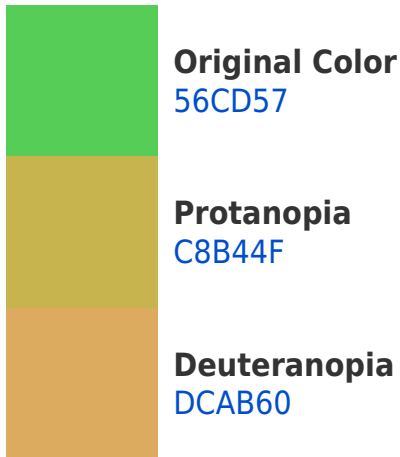


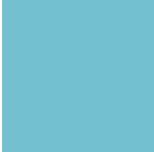
This preview shows how white text looks on a background with the Hex color 56CD57.

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](#).

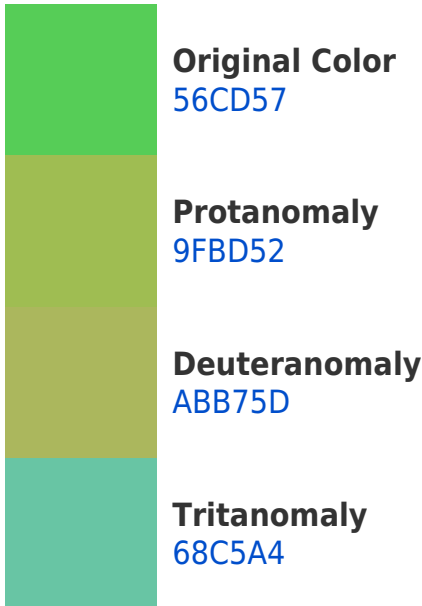
Dichromacy



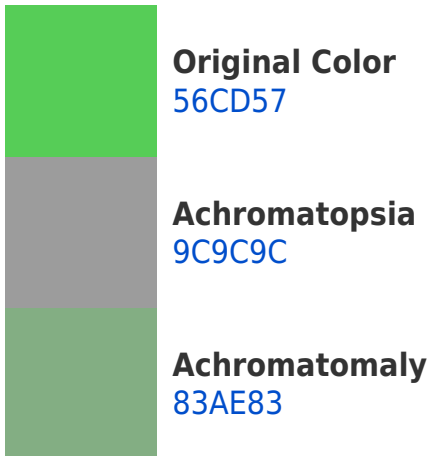


Tritanopia
72C0D0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 56CD57 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 #56CD57 looks like.

```
.text, #text, p{  
    color:#56CD57  
}
```

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 #56CD57 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56CD57
}
```

Border

The CSS property to change the border of an element to Hex 56CD57 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
#56CD57 }
```

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

```
.border{ border-color:#56CD57 }
```

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

Here you see how a box with a 4 pixel #56CD57 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56CD57; -webkit-box-shadow:4px 4px  
4px 4px #56CD57; box-shadow:4px 4px 4px  
4px #56CD57 }
```

Background

The CSS property to change the background color of an element to Hex 56CD57 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56CD57 }
```

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

```
.background{ background-color:#56CD57 }
```

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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