

Converting Colors

Hex(56C957)

Have a look what the booklet for
Hex(56C957) contains.

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Color

Hex(56C957)

Conversions

Conversions Part 1

Format	Color
Hex	56C957
RGB	86, 201, 87
RGB Percent	34%, 79%, 34%
CMY	0.6627, 0.2118, 0.6588
CMYK	0.57, 0.00, 0.57, 0.21
HSL	121°, 52%, 56%
HSV	121°, 57%, 79%
XYZ	26.4447, 44.4398, 16.2008
YIQ	153.6190, -31.9460, -59.8340

Conversions

Conversions Part 2

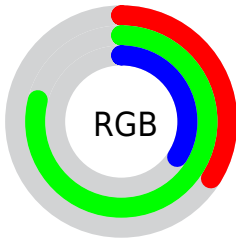
Format	Color
RYB	86, 200, 201
Decimal	5687639
CIELab	72.52, -55.14, 46.64
CIELCh	73, 72.225, 139.773
Yxy	44.4398, 0.3037, 0.5103
Android (android.graphics.Color)	4283877719 (0xFF56C957)
YUV	153.6190, -32.8432, -59.3019
Hunter-Lab	66.6632, -45.8513, 32.2553

Details

The Hex color **56C957** 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 **C956C8**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **91FF8C**, and **009223** is the 20% darker color. If you saturate the color by 10%, you get **42C943**, and if you desaturate by 10%, it is **6AC96B**.

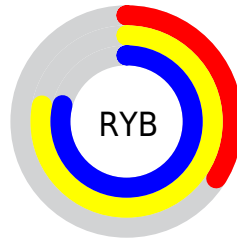
Distribution



Red (34%)

Green (79%)

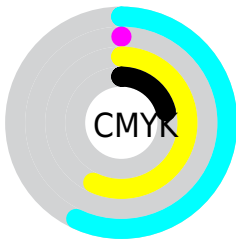
Blue (34%)



Red (34%)

Yellow (78%)

Blue (79%)

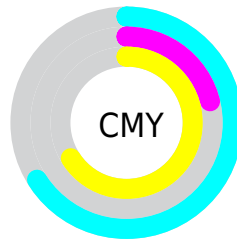


Cyan (57%)

Magenta (0%)

Yellow (57%)

Black (21%)



Cyan (66%)

Magenta (21%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 56C957 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 56C957 by changing the saturation by 10% instead.

 56C957

 56C957

FFFFFF

 35AD3D

 91FF8C

 009223

 AFFFA7

 007700

 CCFFC3

 005D00

 EAFFDF

 004400

FFFFFFD

 002F00

 001000

 000000

 56C957

 56C957

 42C943

 6AC96B

 2EC92F

 7EC97F

 1AC91B

 92C993

 06C907

 A6C9A7

 00C902

 BBC9BB

 CFC9CF

 E3C9E2

 F7C9F6

 FFC9FF

Harmonies

Analogous

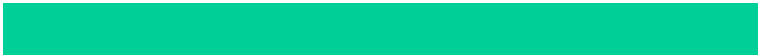
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A9BC22



56C957



00D098

Triad

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



56C957



00C0FF



FF7589

Complementary

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



56C957



C956C8

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.



FF74CB



56C957



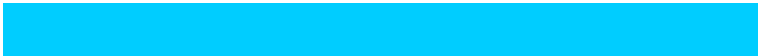
86AAFF

Square

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



56C957



00CDFE



EB8DFE



FF8C4E

Rectangle

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



56C957



00D1C6



EB8DFF



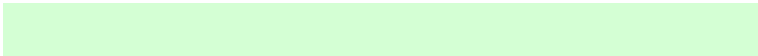
FF719F

Sweetspot

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



56C957



D4FFD4



C9C956



668066



000000



808080

Same Dimension

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



56C957



4FFF51



56C990



5A635A



00A301



002400

Inverse Universe

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



C956C8



FF4FFD



C95690



635A63



A300A2



240023

Previews

White Background



This preview shows how the Hex color 56C957 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 56C957 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

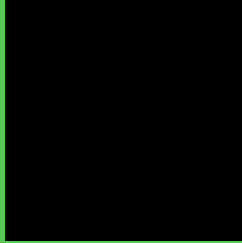
Any Text WCAG AA ✓ Pass

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 56C957 Background



This preview shows how black text looks on a background with the Hex color 56C957.



This preview shows how white text looks on a background with the Hex color 56C957.

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

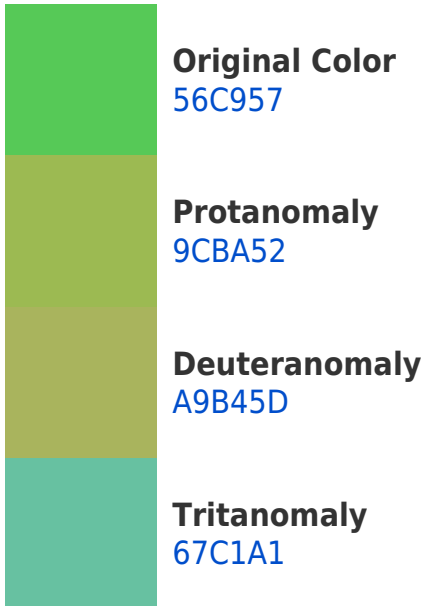


Original Color
56C957

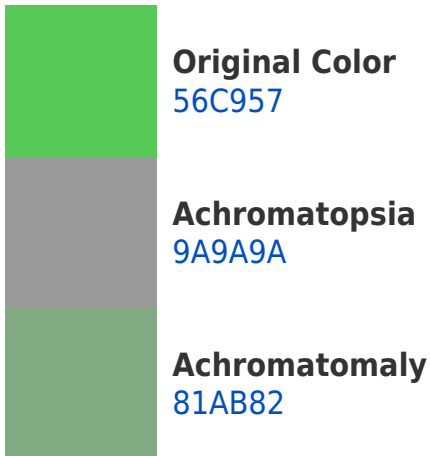
Protanopia
C4B14F

Deuteranopia
D8A860

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 56C957 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 #56C957 looks like.

```
.text, #text, p{  
    color:#56C957  
}
```

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 #56C957 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56C957
}
```

Border

The CSS property to change the border of an element to Hex 56C957 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
#56C957 }
```

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

```
.border{ border-color:#56C957 }
```

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

Here you see how a box with a 4 pixel #56C957 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56C957; -webkit-box-shadow:4px 4px  
4px 4px #56C957; box-shadow:4px 4px 4px  
4px #56C957 }
```

Background

The CSS property to change the background color of an element to Hex 56C957 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56C957 }
```

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

```
.background{ background-color:#56C957 }
```

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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