

Converting Colors

Hex(58C560)

Have a look what the booklet for
Hex(58C560) contains.

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Color

Hex(58C560)

Conversions

Conversions Part 1

Format	Color
Hex	58C560
RGB	88, 197, 96
RGB Percent	35%, 77%, 38%
CMY	0.6549, 0.2275, 0.6235
CMYK	0.55, 0.00, 0.51, 0.23
HSL	124°, 48%, 56%
HSV	124°, 55%, 77%
XYZ	26.1021, 42.8517, 17.9618
YIQ	152.8950, -32.5430, -54.5190

Conversions

Conversions Part 2

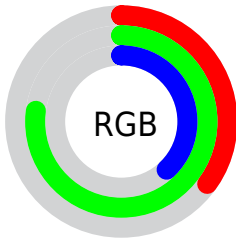
Format	Color
RYB	88, 190, 197
Decimal	5817696
CIELab	71.45, -51.96, 41.09
CIELCh	71, 66.246, 141.659
Yxy	42.8517, 0.3003, 0.4930
Android (android.graphics.Color)	4284007776 (0xFF58C560)
YUV	152.8950, -28.0492, -56.9129
Hunter-Lab	65.4612, -43.3819, 29.5544

Details

The Hex color **58C560** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted spring green. A complement of this color would be **C558BD**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **92FF95**, and **0E8E2E** is the 20% darker color. If you saturate the color by 10%, you get **44C54E**, and if you desaturate by 10%, it is **6CC572**.

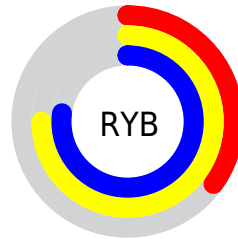
Distribution



Red (35%)

Green (77%)

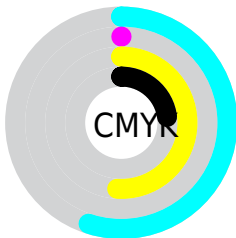
Blue (38%)



Red (35%)

Yellow (75%)

Blue (77%)

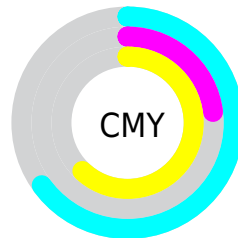


Cyan (55%)

Magenta (0%)

Yellow (51%)

Black (23%)



Cyan (65%)

Magenta (23%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 58C560 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 58C560 by changing the saturation by 10% instead.

 58C560

 58C560

FFFFFF

 39A947

 92FF95

 0E8E2E

 AFFFB0

 007413

 CCFFCC

 005A00

 EAFFE8

 004100

 002C00

 000A00

 000000

 58C560

 58C560

 44C54E

 6CC572

 31C53B

 7FC585

 1DC529

 93C597

 09C517

 A7C5A9

 00C50E

 BBC5BB

 CEC5CE

 E2C5E0

 F6C5F2

 FFC5FF

Harmonies

Analogous

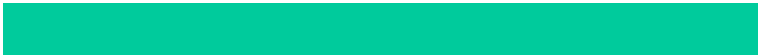
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A4B933



58C560



00CB9C

Triad

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



58C560



00BBFF



FF7A86

Complementary

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



58C560



C558BD

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.



FF78C3



58C560



91A6FF

Square

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



58C560



00C7FF



E88CFB



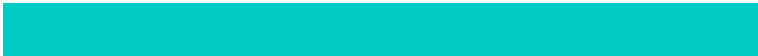
FF8E51

Rectangle

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



58C560



00CCC6



E88CFB



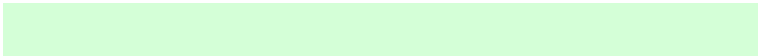
FF779A

Sweetspot

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



58C560



D4FFD7



BEC558



668068



000000



808080

Same Dimension

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



58C560



57FF63



58C596



5A635A



00A30C



002403

Inverse Universe

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



C558BD



FF57F3



C55887



635A63



A30097



240021

Previews

White Background



This preview shows how the Hex color 58C560 looks on a white background.

Color Contrast Check

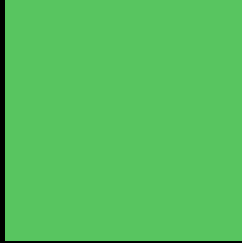
Large Text (above 18pt) WCAG AA × Fail

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 58C560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

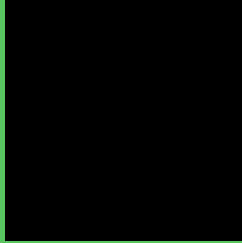
Any Text WCAG AA ✓ Pass

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 58C560 Background



This preview shows how black text looks on a background with the Hex color 58C560.

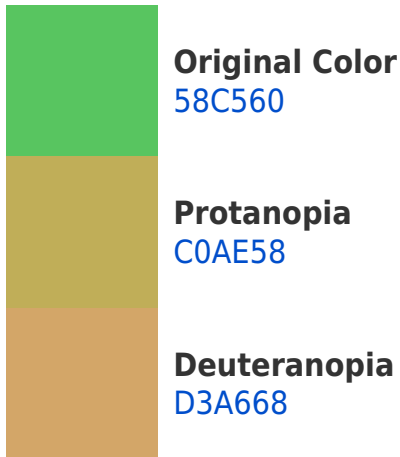


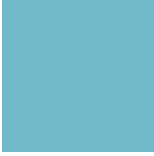
This preview shows how white text looks on a background with the Hex color 58C560.

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
71BAC9

Trichromacy



Original Color
58C560



Protanomaly
9AB65B



Deuteranomaly
A6B165



Tritanomaly
68BEA3

Monochromacy



Original Color
58C560



Achromatopsia
999999



Achromatomaly
81A984

CSS Examples

Text

The CSS property to change the color of the text to Hex 58C560 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 #58C560 looks like.

```
.text, #text, p{  
    color:#58C560  
}
```

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 #58C560 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #58C560
}
```

Border

The CSS property to change the border of an element to Hex 58C560 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
#58C560 }
```

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

```
.border{ border-color:#58C560 }
```

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

Here you see how a box with a 4 pixel #58C560 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #58C560; -webkit-box-shadow:4px 4px  
4px 4px #58C560; box-shadow:4px 4px 4px  
4px #58C560 }
```

Background

The CSS property to change the background color of an element to Hex 58C560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#58C560 }
```

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

```
.background{ background-color:#58C560 }
```

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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