

Converting Colors

Hex(59C500)

Have a look what the booklet for
Hex(59C500) contains.

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Color

Hex(59C500)

Conversions

Conversions Part 1

Format	Color
Hex	59C500
RGB	89, 197, 0
RGB Percent	35%, 77%, 0%
CMY	0.6510, 0.2275, 1.0000
CMYK	0.55, 0.00, 1.00, 0.23
HSL	93°, 100%, 39%
HSV	93°, 100%, 77%
XYZ	24.0861, 42.0564, 6.8482
YIQ	142.2500, -1.1310, -84.1630

Conversions

Conversions Part 2

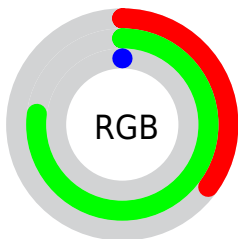
Format	Color
RYB	0, 197, 108
Decimal	5883136
CIELab	70.91, -58.20, 70.31
CIELCh	71, 91.274, 129.620
Yxy	42.0564, 0.3300, 0.5762
Android (android.graphics.Color)	4284073216 (0xFF59C500)
YUV	142.2500, -70.1292, -46.7002
Hunter-Lab	64.8509, -47.1928, 39.1346

Details

The Hex color **59C500** is a dark color, and the websafe version is hex **66CC00**. The color can be described as dark washed green. A complement of this color would be **6C00C5**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **96FF50**, and **008E00** is the 20% darker color. If you saturate the color by 10%, you get **59C500**, and if you desaturate by 10%, it is **64C514**.

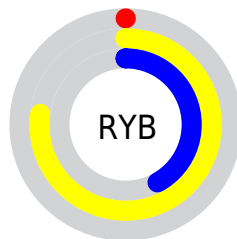
Distribution



Red (35%)

Green (77%)

Blue (0%)



Red (0%)

Yellow (77%)

Blue (42%)

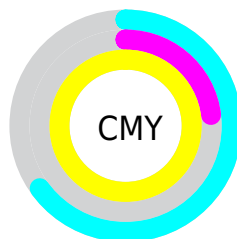


Cyan (55%)

Magenta (0%)

Yellow (100%)

Black (23%)



Cyan (65%)

Magenta (23%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 59C500 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 59C500 by changing the saturation by 10% instead.

 59C500

 59C500

FFFFFF

 37A900


 96FF50

 008E00

 B4FF6D

 007400

 D2FF8A

 005A00


 F0FFA6

 004100

 FFFFC3

 002A00

 FFFFE1

 000600

FFFFFFE

 000000

 59C500

 64C514

 6FC527

 79C53B

 84C54F

 8FC563

 9AC576

 A5C58A

 AFC59E

 BAC5B1

Harmonies

Analogous

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



B9B300



59C500



00CE70

Triad

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



59C500



00C6FF



FF4797

Complementary

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



59C500



6C00C5

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.



FF5BE9



59C500



00AFFF

Square

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



59C500



00D0FF



CF89FF



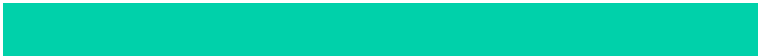
FF6A47

Rectangle

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



59C500



00D1AA



CF89FF



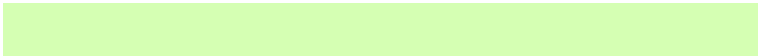
FF47B2

Sweetspot

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



59C500



D5FFB3



C56900



668052



000000



808080

Same Dimension

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



59C500



73FF00



00C507



5E635A



4AA300



102400

Inverse Universe

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



6C00C5



8C00FF



C500BE



5F5A63



5900A3



140024

Previews

White Background



This preview shows how the Hex color 59C500 looks on a white background.

Color Contrast Check

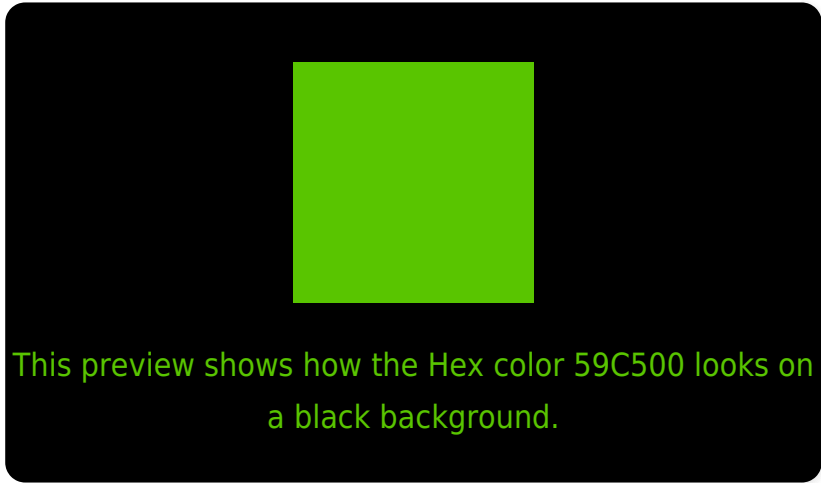
Large Text (above 18pt) WCAG AA × Fail

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 59C500 Background



This preview shows how black text looks on a background with the Hex color 59C500.



This preview shows how white text looks on a background with the Hex color 59C500.

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](#).

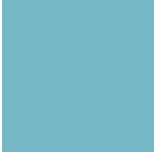
Dichromacy



Original Color
59C500

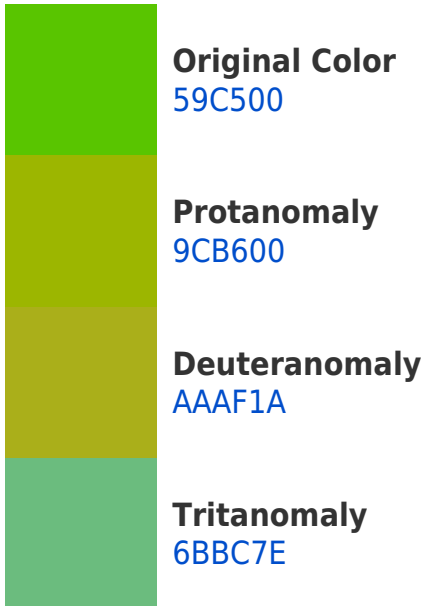
Protanopia
C2AD00

Deuteranopia
D9A329

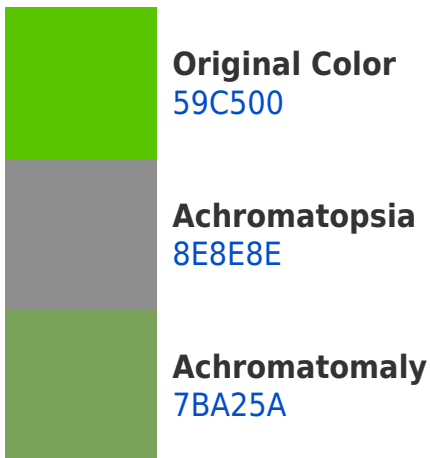


Tritanopia
76B7C6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 59C500 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 #59C500 looks like.

```
.text, #text, p{  
    color:#59C500  
}
```

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 #59C500 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59C500
}
```

Border

The CSS property to change the border of an element to Hex 59C500 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
#59C500 }
```

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

```
.border{ border-color:#59C500 }
```

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

Here you see how a box with a 4 pixel #59C500 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59C500; -webkit-box-shadow:4px 4px  
4px 4px #59C500; box-shadow:4px 4px 4px  
4px #59C500 }
```

Background

The CSS property to change the background color of an element to Hex 59C500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59C500 }
```

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

```
.background{ background-color:#59C500 }
```

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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