

Converting Colors

Hex(38C500)

Have a look what the booklet for
Hex(38C500) contains.

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Color

Hex(38C500)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 38C500 |
| RGB | 56, 197, 0 |
| RGB Percent | 22%, 77%, 0% |
| CMY | 0.7804, 0.2275, 1.0000 |
| CMYK | 0.72, 0.00, 1.00, 0.23 |
| HSL | 103°, 100%, 39% |
| HSV | 103°, 100%, 77% |
| XYZ | 21.5971, 40.7733, 6.7317 |
| YIQ | 132.3830, -20.7990, -91.1590 |

Conversions

Conversions Part 2

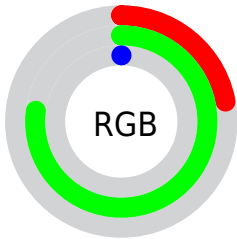
| Format | Color |
|-------------------------------------|--|
| RYB | 0, 197, 141 |
| Decimal | 3720448 |
| CIELab | 70.02, -65.65, 69.22 |
| CIELCh | 70, 95.403, 133.484 |
| Yxy | 40.7733, 0.3125, 0.5900 |
| Android (android.graphics.Color) | 4281910528 (0xFF38C500) |
| YUV | 132.3830, -65.2648, -66.9879 |
| Hunter-Lab | 63.8539, -51.3708, 38.4472 |

Details

The Hex color **38C500** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **8D00C5**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **7DFF50**, and **008E00** is the 20% darker color. If you saturate the color by 10%, you get **38C500**, and if you desaturate by 10%, it is **46C514**.

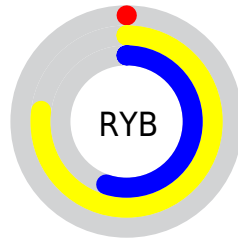
Distribution



Red (22%)

Green (77%)

Blue (0%)



Red (0%)

Yellow (77%)

Blue (55%)

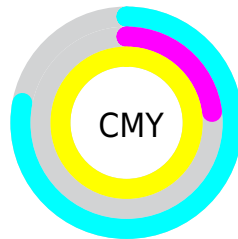


Cyan (72%)

Magenta (0%)

Yellow (100%)

Black (23%)



Cyan (78%)

Magenta (23%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 38C500 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 38C500 by changing the saturation by 10% instead.

 38C500

 38C500

FFFFFF

 00A900

 7DFF50

 008E00

 9CFF6D

 007300

 BAFF89

 005900

 D9FFA6

 004000

 F8FFC3

 002800

 FFFFEO

 000000

FFFFFFE

 38C500

 46C514

 54C527

 62C53B

 70C54F

 7FC563

 8DC576

 9BC58A

 A9C59E

 B7C5B1

Harmonies

Analogous

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



ABB400



38C500



00CE76

Triad

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



38C500



00C3FF



FF3A88

Complementary

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



38C500



8D00C5

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.



FF4ADF



38C500



00A9FF

Square

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



38C500



00CEFF



DD7FFF



FF6934

Rectangle

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



38C500



00D0B3



DD7FFF



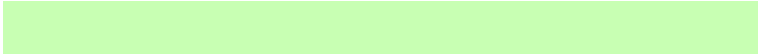
FF35A5

Sweetspot

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



38C500



C8FFB3



C58A00



5F8052



000000



808080

Same Dimension

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



38C500



48FF00



00C527



5C635A



2EA300



0A2400

Inverse Universe

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



8D00C5



B700FF



C5009E



615A63



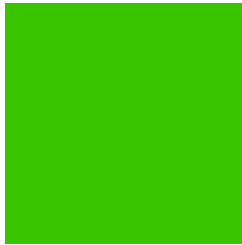
7500A3



1A0024

Previews

White Background



This preview shows how the Hex color 38C500 looks on a white background.

Color Contrast Check

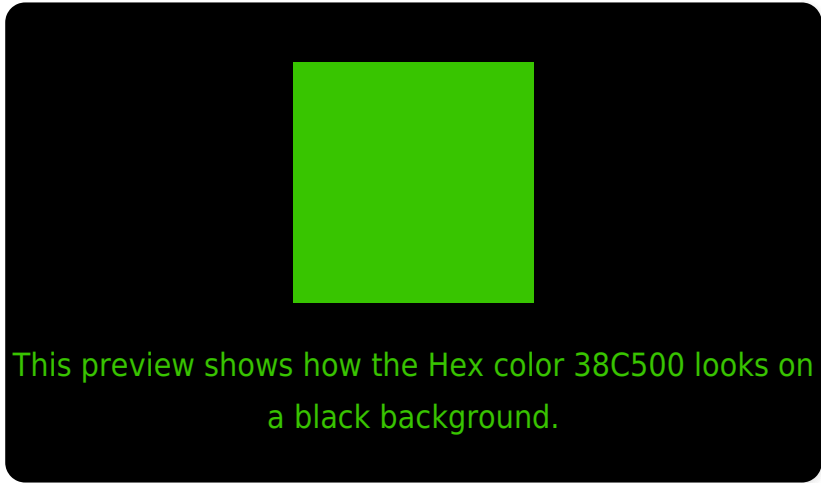
Large Text (above 18pt) WCAG AA × Fail

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

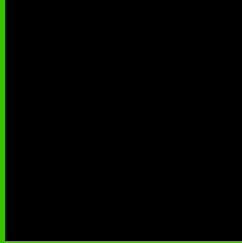
Any Text WCAG AA ✓ Pass

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 38C500 Background



This preview shows how black text looks on a background with the Hex color 38C500.

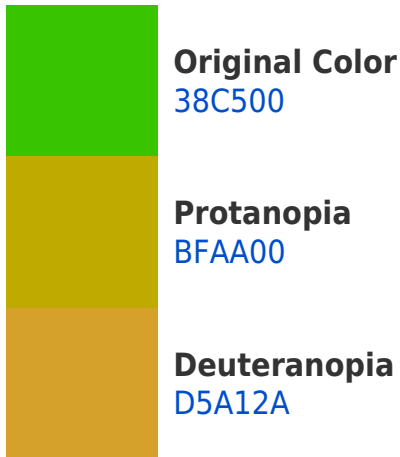


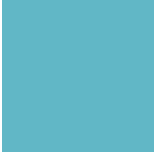
This preview shows how white text looks on a background with the Hex color 38C500.

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](#).

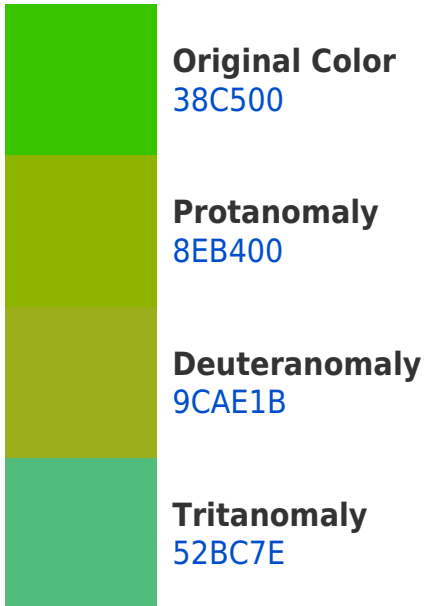
Dichromacy





Tritanopia
61B7C6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 38C500 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 #38C500 looks like.

```
.text, #text, p{  
    color:#38C500  
}
```

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 #38C500 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #38C500
}
```

Border

The CSS property to change the border of an element to Hex 38C500 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
#38C500 }
```

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

```
.border{ border-color:#38C500 }
```

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

Here you see how a box with a 4 pixel #38C500 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #38C500; -webkit-box-shadow:4px 4px  
4px 4px #38C500; box-shadow:4px 4px 4px  
4px #38C500 }
```

Background

The CSS property to change the background color of an element to Hex 38C500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#38C500 }
```

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

```
.background{ background-color:#38C500 }
```

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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