

Converting Colors

Hex(70C500)

Have a look what the booklet for
Hex(70C500) contains.

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Color

Hex(70C500)

Conversions

Conversions Part 1

Format	Color
Hex	70C500
RGB	112, 197, 0
RGB Percent	44%, 77%, 0%
CMY	0.5608, 0.2275, 1.0000
CMYK	0.43, 0.00, 1.00, 0.23
HSL	86°, 100%, 39%
HSV	86°, 100%, 77%
XYZ	26.6483, 43.3772, 6.9681
YIQ	149.1270, 12.5770, -79.2870

Conversions

Conversions Part 2

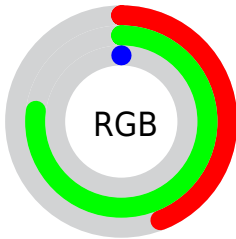
Format	Color
RYB	0, 197, 85
Decimal	7390464
CIELab	71.81, -51.24, 71.40
CIELCh	72, 87.883, 125.667
Yxy	43.3772, 0.3461, 0.5634
Android (android.graphics.Color)	4285580544 (0xFF70C500)
YUV	149.1270, -73.5196, -32.5604
Hunter-Lab	65.8614, -43.0341, 39.8301

Details

The Hex color **70C500** is a dark color, and the websafe version is hex **66CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **5500C5**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **ABFE51**, and **328E00** is the 20% darker color. If you saturate the color by 10%, you get **70C500**, and if you desaturate by 10%, it is **79C514**.

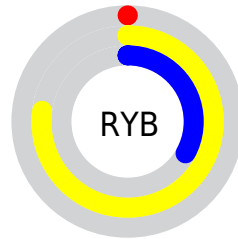
Distribution



Red (44%)

Green (77%)

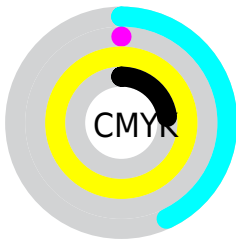
Blue (0%)



Red (0%)

Yellow (77%)

Blue (33%)

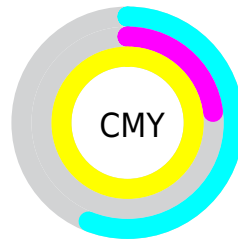


Cyan (43%)

Magenta (0%)

Yellow (100%)

Black (23%)



Cyan (56%)

Magenta (23%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 70C500 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 70C500 by changing the saturation by 10% instead.

 70C500

 70C500

FFFFFF

 52A900

 ABFE51

 328E00

 C8FF6E

 027400

 E6FF8A

 005B00

 FFFFA7

 004200

 FFFFC4

 002D00


 FFFFE1

 000C00

 000000

 70C500

 79C514

 81C527

 8AC53B

 92C54F

 9BC563

 A3C576

 ACC58A

 B4C59E

 BDC5B1

Harmonies

Analogous

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



C6B200



70C500



00CF69

Triad

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



70C500



00CAFF



FF52A4

Complementary

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



70C500



5500C5

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.



FF69F4



70C500



00B5FF

Square

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



70C500



00D2FF



C293FF



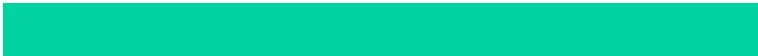
FF6B57

Rectangle

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



70C500



00D3A1



C293FF



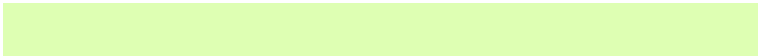
FF55BF

Sweetspot

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



70C500



DEFFB3



C55200



6C8052



000000



808080

Same Dimension

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



70C500



91FF00



10C500



5F635A



5DA300



142400

Inverse Universe

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



5500C5



6E00FF



B500C5



5E5A63



4600A3



0F0024

Previews

White Background



This preview shows how the Hex color 70C500 looks on a white background.

Color Contrast Check

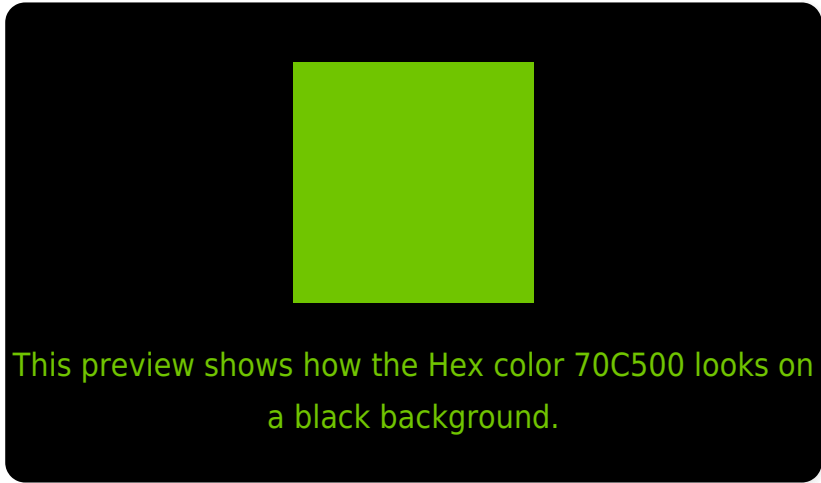
Large Text (above 18pt) WCAG AA × Fail

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 70C500 Background



This preview shows how black text looks on a background with the Hex color 70C500.

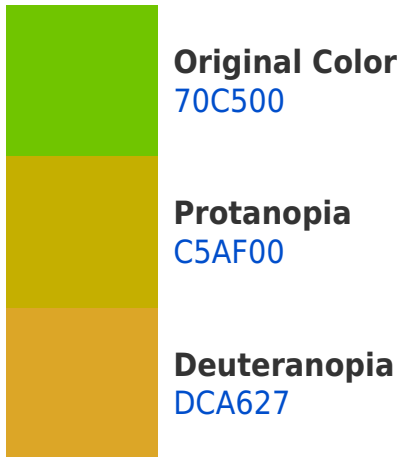


This preview shows how white text looks on a background with the Hex color 70C500.

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](#).

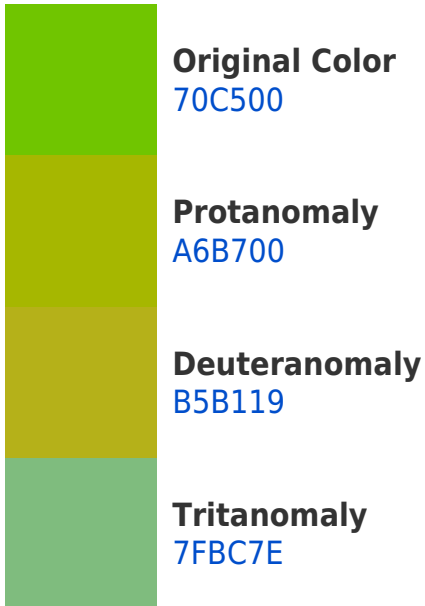
Dichromacy



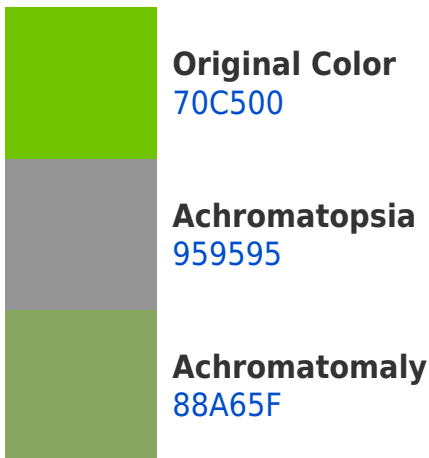


Tritanopia
87B7C6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 70C500 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 #70C500 looks like.

```
.text, #text, p{  
    color:#70C500  
}
```

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 #70C500 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70C500
}
```

Border

The CSS property to change the border of an element to Hex 70C500 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
#70C500 }
```

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

```
.border{ border-color:#70C500 }
```

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

Here you see how a box with a 4 pixel #70C500 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70C500; -webkit-box-shadow:4px 4px  
4px 4px #70C500; box-shadow:4px 4px 4px  
4px #70C500 }
```

Background

The CSS property to change the background color of an element to Hex 70C500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70C500 }
```

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

```
.background{ background-color:#70C500 }
```

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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