

# Converting Colors

Hex(70C446)

Have a look what the booklet for  
Hex(70C446) contains.

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**Color**

**Hex(70C446)**

# Conversions

## Conversions Part 1

Format	Color
Hex	70C446
RGB	112, 196, 70
RGB Percent	44%, 77%, 27%
CMY	0.5608, 0.2314, 0.7255
CMYK	0.43, 0.00, 0.64, 0.23
HSL	100°, 52%, 52%
HSV	100°, 64%, 77%
XYZ	27.5275, 43.3668, 12.7141
YIQ	156.5200, -9.6180, -56.9940

# Conversions

## Conversions Part 2

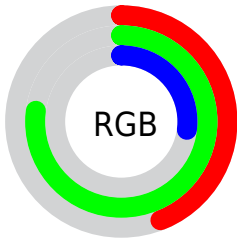
Format	Color
<a href="#">RYB</a>	<a href="#">70, 196, 154</a>
Decimal	<a href="#">7390278</a>
CIELab	<a href="#">71.80, -47.65, 53.63</a>
CIELCh	<a href="#">72, 71.741, 131.622</a>
Yxy	<a href="#">43.3668, 0.3292, 0.5187</a>
Android (android.graphics.Color)	<a href="#">4285580358 (0xFF70C446)</a>
YUV	<a href="#">156.5200, -42.6544, -39.0440</a>
Hunter-Lab	<a href="#">65.8535, -40.6285, 34.6505</a>

# Details

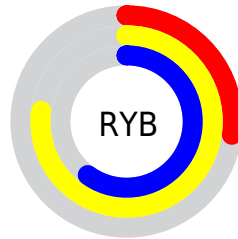
The Hex color **70C446** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted chartreuse. A complement of this color would be **9A46C4**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **A9FD7B**, and **368D06** is the 20% darker color. If you saturate the color by 10%, you get **63C432**, and if you desaturate by 10%, it is **7DC45A**.

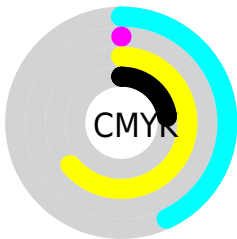
# Distribution



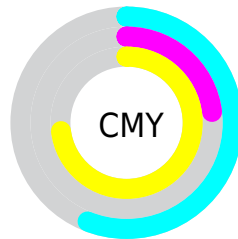
- Red (44%)
- Green (77%)
- Blue (27%)



- Red (27%)
- Yellow (77%)
- Blue (60%)



- Cyan (43%)
- Magenta (0%)
- Yellow (64%)
- Black (23%)



- Cyan (56%)
- Magenta (23%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 70C446 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 70C446 by changing the saturation by 10% instead.



 70C446

 70C446

FFFFFF

 54A82A

 A9FD7B

 368D06

 C6FF97

 0F7300

 E3FFB2

 005A00

 FFFFCE

 004100

 FFFFEC

 002C00

 000C00

 000000

 70C446

 70C446

 63C432

 7DC45A

 56C41F

 8AC46D

 49C40B

 97C481

 41C400

 A4C494

 B1C4A8

 BEC4BC

 CBC4CF

 D9C4E3

 E6C4F6

# Harmonies

## Analogous

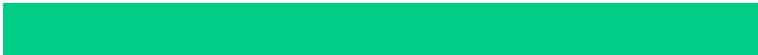
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



B9B517



70C446



00CC84

# Triad

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



70C446



00C2FF



FF7099

# Complementary

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



70C446



9A46C4

# 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.



FF78DB



70C446



54AFFF

# Square

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



70C446



00CCFF



D493FF



FF835C

# Rectangle

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



70C446



00CFB2



D493FF



FF6FAF

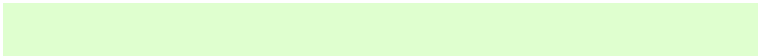


# Sweetspot

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



70C446



DFFFCF



C49A46



6C8062



000000



808080



# Same Dimension

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



70C446



7CFF3B



46C45B



5A6157



36A100



0B2100



# Inverse Universe

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



9A46C4



BE3BFF



C446AF



5E5761



6B00A1



160021



# Previews

## White Background



This preview shows how the Hex color 70C446 looks on a white background.

## Color Contrast Check

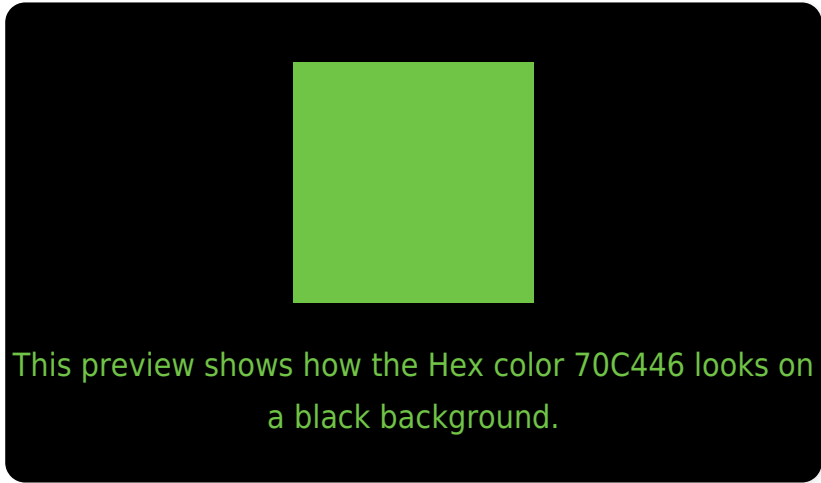
Large Text (above 18pt) WCAG AA × Fail

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 70C446 Background



This preview shows how black text looks on a background with the Hex color 70C446.

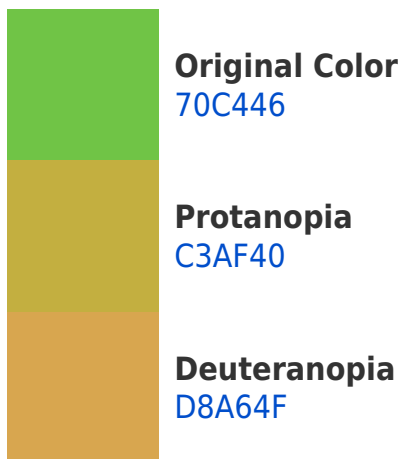


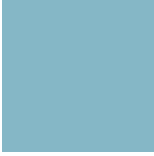
This preview shows how white text looks on a background with the Hex color 70C446.

# 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](#).

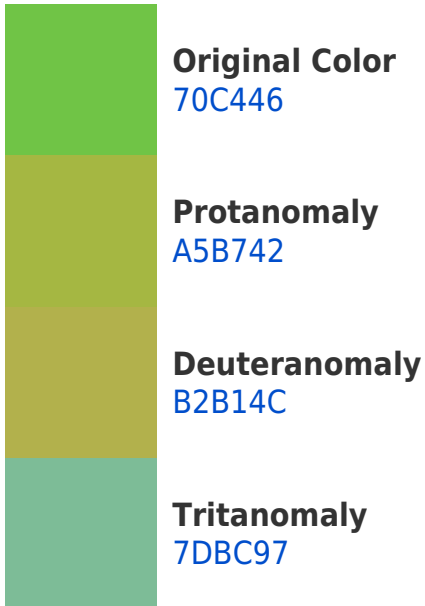
## Dichromacy



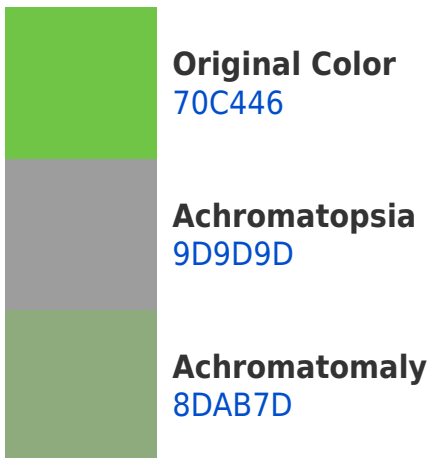


**Tritanopia**  
85B7C6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 70C446 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 #70C446 looks like.

```
.text, #text, p{  
    color:#70C446  
}
```

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 #70C446 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70C446
}
```

## Border

The CSS property to change the border of an element to Hex 70C446 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
#70C446 }
```

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

```
.border{ border-color:#70C446 }
```

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

Here you see how a box with a 4 pixel #70C446 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70C446; -webkit-box-shadow:4px 4px  
4px 4px #70C446; box-shadow:4px 4px 4px  
4px #70C446 }
```

# Background

The CSS property to change the background color of an element to Hex 70C446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70C446 }
```

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

```
.background{ background-color:#70C446 }
```

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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