

# Converting Colors

Hex(71C575)

Have a look what the booklet for  
Hex(71C575) contains.

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**Color**

**Hex(71C575)**

# Conversions

## Conversions Part 1

Format	Color
Hex	71C575
RGB	113, 197, 117
RGB Percent	44%, 77%, 46%
CMY	0.5569, 0.2275, 0.5412
CMYK	0.43, 0.00, 0.41, 0.23
HSL	123°, 42%, 61%
HSV	123°, 43%, 77%
XYZ	29.9872, 44.7276, 23.8824
YIQ	162.7640, -24.3840, -42.6880

# Conversions

## Conversions Part 2

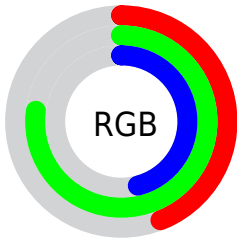
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">113, 193, 197</a>
Decimal	<a href="#">7456117</a>
CIELab	<a href="#">72.71, -42.00, 32.34</a>
CIELCh	<a href="#">73, 53.003, 142.404</a>
Yxy	<a href="#">44.7276, 0.3041, 0.4536</a>
Android (android.graphics.Color)	<a href="#">4285646197 (0xFF71C575)</a>
YUV	<a href="#">162.7640, -22.5617, -43.6430</a>
Hunter-Lab	<a href="#">66.8787, -37.0015, 25.6426</a>

# Details

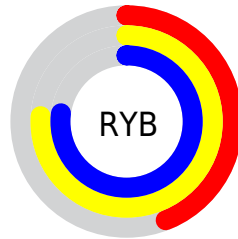
The Hex color **71C575** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **C571C1**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **A9FEAA**, and **3A8E43** is the 20% darker color. If you saturate the color by 10%, you get **5DC562**, and if you desaturate by 10%, it is **85C588**.

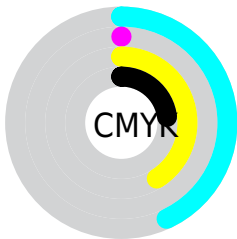
# Distribution



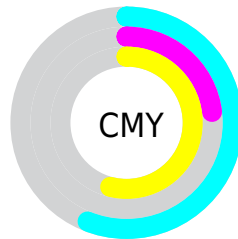
- Red (44%)
- Green (77%)
- Blue (46%)



- Red (44%)
- Yellow (76%)
- Blue (77%)



- Cyan (43%)
- Magenta (0%)
- Yellow (41%)
- Black (23%)



- Cyan (56%)
- Magenta (23%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 71C575 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 71C575 by changing the saturation by 10% instead.





71C575



71C575

FFFFFF



56A95C



A9FEAA



3A8E43



C5FFC6



1A742B



E2FFE2



005B13



004300



002C00



001100



000000



71C575



71C575

 5DC562

 85C588

 4AC54F

 98C59B

 36C53D

 ACC5AD

 22C52A

 C0C5C0

 0EC517

 D4C5D3

 00C509

 E7C5E6

 FBC5F8

 FFC5FF

# Harmonies

## Analogous

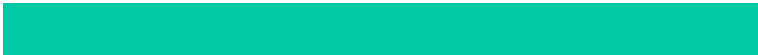
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



ABBB55



71C575



00CAA4

# Triad

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



71C575



2EBBFF



FF8C90

# Complementary

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



71C575



C571C1

# 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.



FF8AC1



71C575



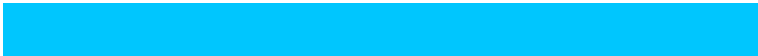
A2ABFF

# Square

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



71C575



00C6FE



E298EE



FC9A67

# Rectangle

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



71C575



00CBC6



E298EE



FF8AA0

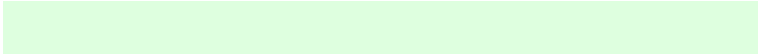


# Sweetspot

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



71C575



DEFFDF



C2C571



6B806C



000000



808080



# Same Dimension

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



71C575



7DFF83



71C59E



5A635A



00A308



002402



# Inverse Universe

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



C571C1



FF7DF9



C57198



635A63



A3009B



240022



# Previews

## White Background



This preview shows how the Hex color 71C575 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 71C575 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 71C575 Background



This preview shows how black text looks on a background with the Hex color 71C575.

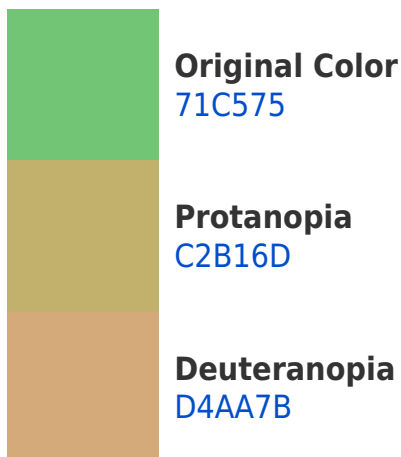


This preview shows how white text looks on a background with the Hex color 71C575.

# 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](#).

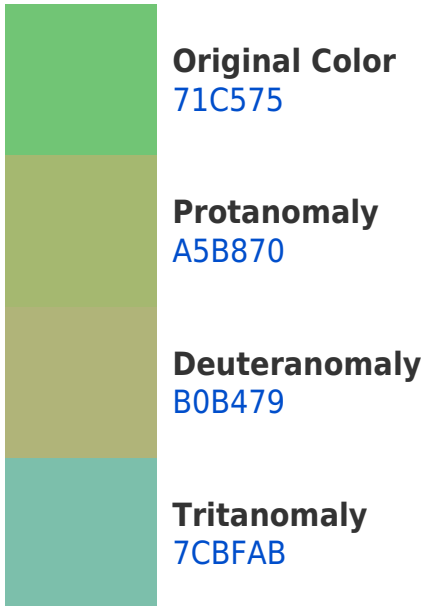
## Dichromacy



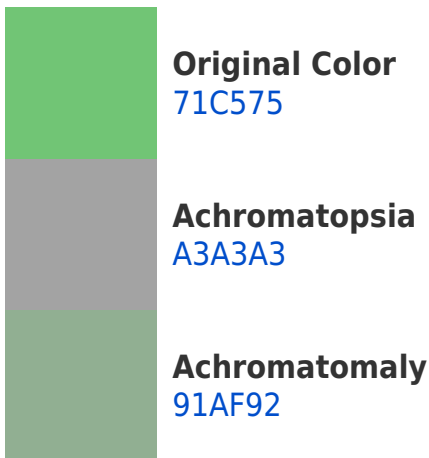


**Tritanopia**  
82BBCA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 71C575 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 #71C575 looks like.

```
.text, #text, p{  
    color:#71C575  
}
```

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 #71C575 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71C575
}
```

## Border

The CSS property to change the border of an element to Hex 71C575 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
#71C575 }
```

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

```
.border{ border-color:#71C575 }
```

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

Here you see how a box with a 4 pixel #71C575 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71C575; -webkit-box-shadow:4px 4px  
4px 4px #71C575; box-shadow:4px 4px 4px  
4px #71C575 }
```

# Background

The CSS property to change the background color of an element to Hex 71C575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71C575 }
```

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

```
.background{ background-color:#71C575 }
```

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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