

# Converting Colors

Hex(72C06E)

Have a look what the booklet for  
Hex(72C06E) contains.

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# Color

Hex(72C06E)

# Conversions

## Conversions Part 1

Format	Color
Hex	72C06E
RGB	114, 192, 110
RGB Percent	45%, 75%, 43%
CMY	0.5529, 0.2471, 0.5686
CMYK	0.41, 0.00, 0.43, 0.25
HSL	117°, 39%, 59%
HSV	117°, 43%, 75%
XYZ	28.6035, 42.4025, 21.4288
YIQ	159.3300, -20.1660, -42.0380

# Conversions

## Conversions Part 2

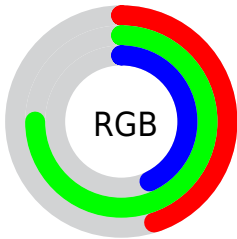
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">110, 192, 188</a>
Decimal	<a href="#">7520366</a>
CIELab	<a href="#">71.15, -40.57, 33.92</a>
CIELCh	<a href="#">71, 52.882, 140.102</a>
Yxy	<a href="#">42.4025, 0.3094, 0.4587</a>
Android (android.graphics.Color)	<a href="#">4285710446 (0xFF72C06E)</a>
YUV	<a href="#">159.3300, -24.3197, -39.7544</a>
Hunter-Lab	<a href="#">65.1172, -35.5467, 26.0709</a>

# Details

The Hex color **72C06E** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **BC6EC0**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **A9F9A3**, and **3B8A3C** is the 20% darker color. If you saturate the color by 10%, you get **60C05B**, and if you desaturate by 10%, it is **84C081**.

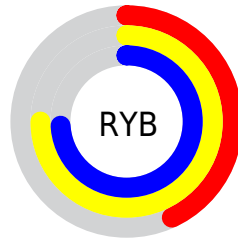
# Distribution



Red (45%)

Green (75%)

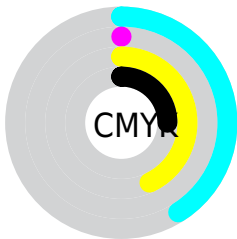
Blue (43%)



Red (43%)

Yellow (75%)

Blue (74%)

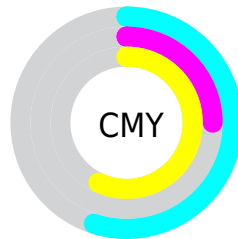


Cyan (41%)

Magenta (0%)

Yellow (43%)

Black (25%)



Cyan (55%)

Magenta (25%)

Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 72C06E 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 72C06E by changing the saturation by 10% instead.



 72C06E

 72C06E

FFFFFF

 57A555

 A9F9A3

 3B8A3C

 C6FFBE

 1D7025

 E2FFDA

 00570B

 FFFFF7

 003F00

 002900

 000800

 000000

 72C06E

 72C06E

 60C05B

 84C081

 4DC048

 97C094

 3BC034

 A9C0A8

 29C021

 BBC0BB

 17C00E

 CDC0CE

 09C000

 E0C0E1

 F2C0F4

 FFC0FF

# Harmonies

## Analogous

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



AAB550



72C06E



00C69C

# Triad

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



72C06E



00B8FF



FF8790

# Complementary

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



72C06E



BC6EC0

# 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.



FF87C0



72C06E



97A8FF

# Square

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



72C06E



00C2F7



DA95EC



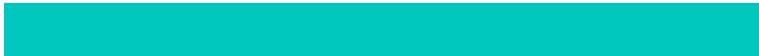
F99466

# Rectangle

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



72C06E



00C7BE



DA95EC



FF85A0

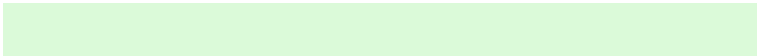


# Sweetspot

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



72C06E



DBFAD9



C0BC6E



6A7D69



FCFCFC



7D7D7D



# Same Dimension

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



72C06E



81FA7A



6EC093



586157



08A100



022100



# Inverse Universe

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



BC6EC0



F47AFA



C06E9B



605761



9900A1



200021



# Previews

## White Background



This preview shows how the Hex color 72C06E looks on a white background.

## Color Contrast Check

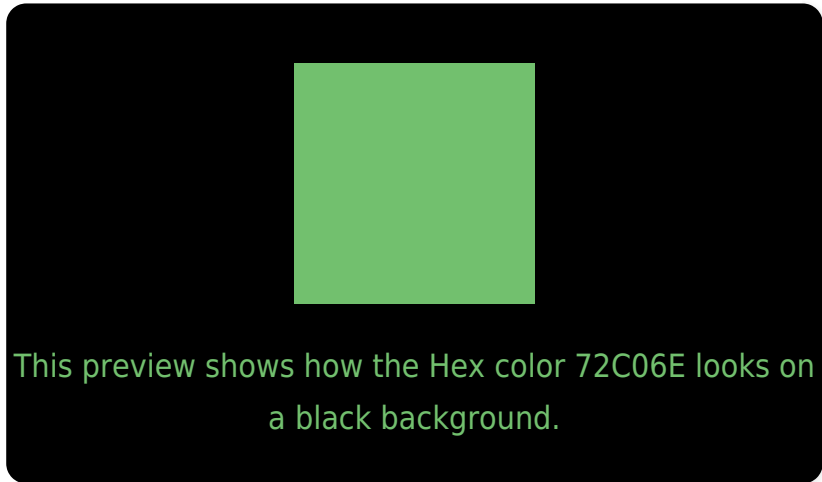
Large Text (above 18pt) WCAG AA × Fail

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 72C06E Background



This preview shows how black text looks on a background with the Hex color 72C06E.

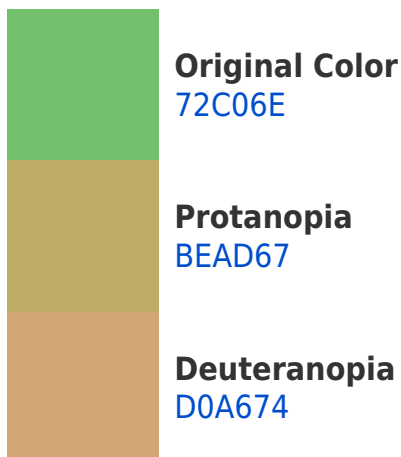


This preview shows how white text looks on a background with the Hex color 72C06E.

# 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**  
83B6C5

# Trichromacy



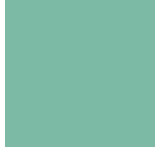
**Original Color**  
72C06E



**Protanomaly**  
A2B46A



**Deuteranomaly**  
AEAF72



**Tritanomaly**  
7DBAA5

# Monochromacy



**Original Color**  
72C06E



**Achromatopsia**  
9F9F9F



**Achromatomaly**  
8FAB8D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 72C06E 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 #72C06E looks like.

```
.text, #text, p{  
    color:#72C06E  
}
```

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 #72C06E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #72C06E
}
```

## Border

The CSS property to change the border of an element to Hex 72C06E 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
#72C06E }
```

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

```
.border{ border-color:#72C06E }
```

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

Here you see how a box with a 4 pixel #72C06E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #72C06E; -webkit-box-shadow:4px 4px  
4px 4px #72C06E; box-shadow:4px 4px 4px  
4px #72C06E }
```

# Background

The CSS property to change the background color of an element to Hex 72C06E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#72C06E }
```

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

```
.background{ background-color:#72C06E }
```

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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