

Converting Colors

Hex(72CC6A)

Have a look what the booklet for
Hex(72CC6A) contains.

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Color

Hex(72CC6A)

Conversions

Conversions Part 1

Format	Color
Hex	72CC6A
RGB	114, 204, 106
RGB Percent	45%, 80%, 42%
CMY	0.5529, 0.2000, 0.5843
CMYK	0.44, 0.00, 0.48, 0.20
HSL	115°, 49%, 61%
HSV	115°, 48%, 80%
XYZ	31.1338, 47.8037, 21.2218
YIQ	165.9180, -22.1820, -49.5580

Conversions

Conversions Part 2

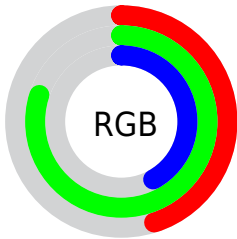
Format	Color
RYB	106, 204, 196
Decimal	7523434
CIELab	74.70, -46.28, 40.42
CIELCh	75, 61.451, 138.868
Yxy	47.8037, 0.3108, 0.4773
Android (android.graphics.Color)	4285713514 (0xFF72CC6A)
YUV	165.9180, -29.5396, -45.5321
Hunter-Lab	69.1403, -40.6170, 30.1998

Details

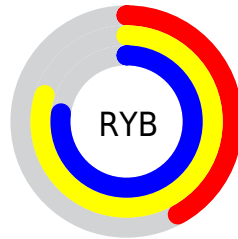
The Hex color **72CC6A** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **C46ACC**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **AAFF9F**, and **399538** is the 20% darker color. If you saturate the color by 10%, you get **5FCC56**, and if you desaturate by 10%, it is **85CC7E**.

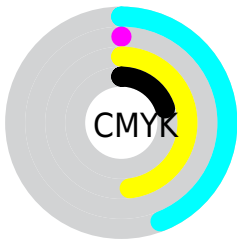
Distribution



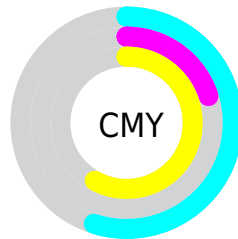
- Red (45%)
- Green (80%)
- Blue (42%)



- Red (42%)
- Yellow (80%)
- Blue (77%)



- Cyan (44%)
- Magenta (0%)
- Yellow (48%)
- Black (20%)



- Cyan (55%)
- Magenta (20%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 72CC6A 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 72CC6A by changing the saturation by 10% instead.

 72CC6A

 72CC6A

FFFFFF

 56B051

 AAF9F

 399538

 C7FFBA

 167B1E

 E4FFD7

 006100

 FFFFF3

 004800

 003100

 001900

 000000

 72CC6A

 72CC6A

 5FCC56

 85CC7E

 4DCC41

 97CC93

 3ACC2D


 AACCA7

 27CC18

 BDCCBC

 14CC04

 D0CCD0

 11CC00

 E2CCE4

 F5CCF9

 FFCCFF

Harmonies

Analogous

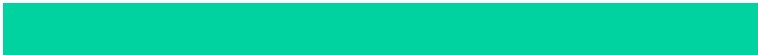
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



B5C046



72CC6A



00D2A0

Triad

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



72CC6A



00C4FF



FF8796

Complementary

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



72CC6A



C46ACC

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.



FF88CF



72CC6A



96B1FF

Square

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



72CC6A



00CFFF



E89AFF



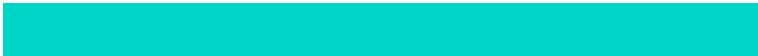
FF9864

Rectangle

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



72CC6A



00D4C7



E89AFF



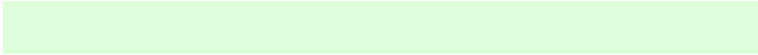
FF85A9

Sweetspot

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



72CC6A



DEFFDB



CCC46A



6C806A



000000



808080

Same Dimension

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



72CC6A



77FF6B



6ACC93



5D665C



0EA600



032600

Inverse Universe

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



C46ACC



F36BFF



CC6AA3



655C66



9800A6



230026

Previews

White Background



This preview shows how the Hex color 72CC6A looks on a white background.

Color Contrast Check

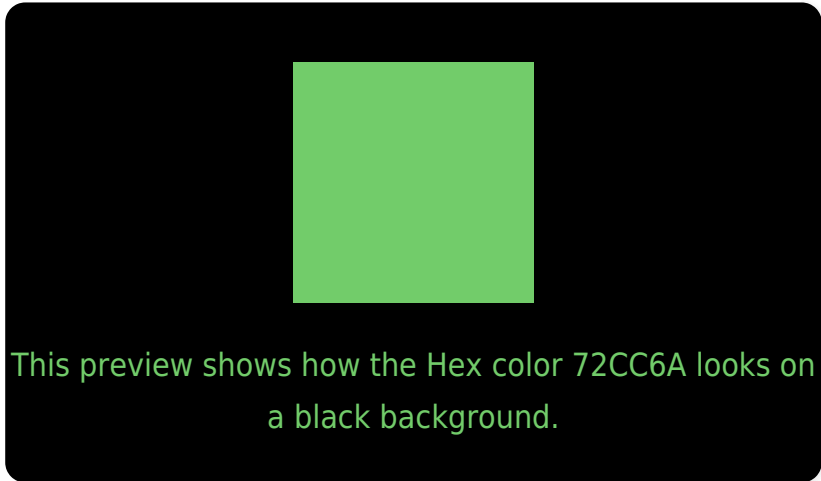
Large Text (above 18pt) WCAG AA × Fail

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

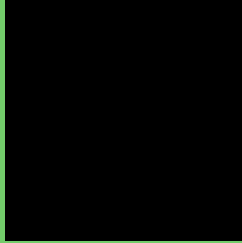
Any Text WCAG AA ✓ Pass

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 72CC6A Background



This preview shows how black text looks on a background with the Hex color 72CC6A.

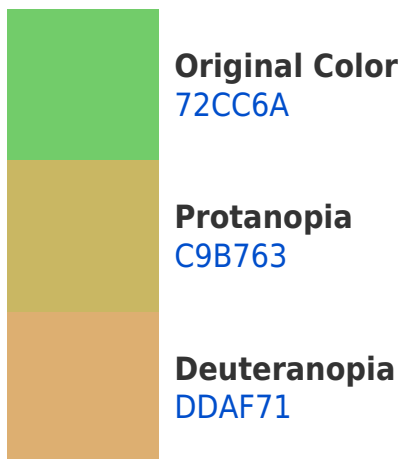


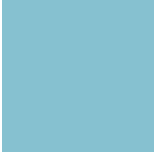
This preview shows how white text looks on a background with the Hex color 72CC6A.

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





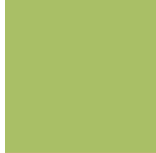
Tritanopia
86C1D0

Trichromacy



Original Color

72CC6A



Protanomaly

A9BF66



Deuteranomaly

B6BA6E



Tritanomaly

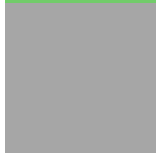
7FC5AB

Monochromacy



Original Color

72CC6A



Achromatopsia

A6A6A6



Achromatomaly

93B490

CSS Examples

Text

The CSS property to change the color of the text to Hex 72CC6A 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 #72CC6A looks like.

```
.text, #text, p{  
    color:#72CC6A  
}
```

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 #72CC6A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #72CC6A
}
```

Border

The CSS property to change the border of an element to Hex 72CC6A 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
#72CC6A }
```

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

```
.border{ border-color:#72CC6A }
```

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

Here you see how a box with a 4 pixel #72CC6A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #72CC6A; -webkit-box-shadow:4px 4px  
4px 4px #72CC6A; box-shadow:4px 4px 4px  
4px #72CC6A }
```

Background

The CSS property to change the background color of an element to Hex 72CC6A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#72CC6A }
```

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

```
.background{ background-color:#72CC6A }
```

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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