

Converting Colors

Hex(72BC6A)

Have a look what the booklet for
Hex(72BC6A) contains.

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Color

Hex(72BC6A)

Conversions

Conversions Part 1

Format	Color
Hex	72BC6A
RGB	114, 188, 106
RGB Percent	45%, 74%, 42%
CMY	0.5529, 0.2627, 0.5843
CMYK	0.39, 0.00, 0.44, 0.26
HSL	114°, 38%, 58%
HSV	114°, 44%, 74%
XYZ	27.5242, 40.5845, 20.0186
YIQ	156.5260, -17.7820, -41.1900

Conversions

Conversions Part 2

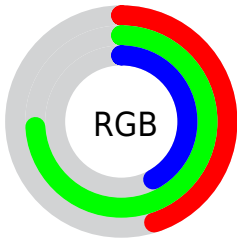
Format	Color
RYB	106, 188, 180
Decimal	7519338
CIELab	69.88, -39.39, 34.35
CIELCh	70, 52.265, 138.910
Yxy	40.5845, 0.3123, 0.4605
Android (android.graphics.Color)	4285709418 (0xFF72BC6A)
YUV	156.5260, -24.9093, -37.2953
Hunter-Lab	63.7059, -34.3644, 25.9632

Details

The Hex color **72BC6A** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **B46ABC**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **A9F59E**, and **3C8639** is the 20% darker color. If you saturate the color by 10%, you get **61BC57**, and if you desaturate by 10%, it is **83BC7D**.

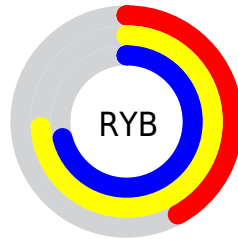
Distribution



Red (45%)

Green (74%)

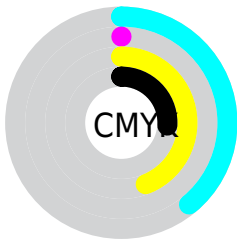
Blue (42%)



Red (42%)

Yellow (74%)

Blue (71%)

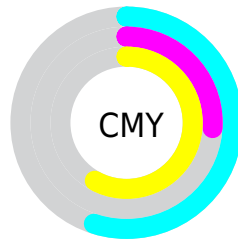


Cyan (39%)

Magenta (0%)

Yellow (44%)

Black (26%)



Cyan (55%)

Magenta (26%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 72BC6A 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 72BC6A by changing the saturation by 10% instead.

 72BC6A

 72BC6A

FFFFFF

 57A151

 A9F59E

 3C8639

 C5FFBA

 1F6C21

 E2FFD6

 005306

 FFFFF2


 003B00

 002700

 000000

 72BC6A

 72BC6A

 61BC57

 83BC7D

 50BC44

 94BC90

 3FBC32

 A5BCA2

 2EBC1F

 B6BCB5

 1DBC0C

 C7BCC8

 12BC00

 D8BCDB

 E9BCEE

 FABCFF

 FFBCFF

Harmonies

Analogous

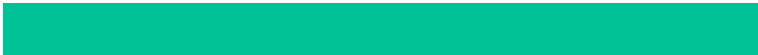
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A9B14D



72BC6A



00C297

Triad

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



72BC6A



00B5FF



FF848F

Complementary

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



72BC6A



B46ABC

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.



FA84BE



72BC6A



91A5FF

Square

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



72BC6A



00BFF1



D492EA



F69065

Rectangle

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



72BC6A



00C3B8



D492EA



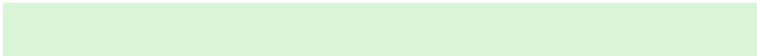
FF829E

Sweetspot

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



72BC6A



D8F5D5



BCB46A



697A67



FAFAFA



7A7A7A

Same Dimension

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



72BC6A



82F576



6ABC8B



565E55



0F9E00



031F00

Inverse Universe

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



B46ABC



E876F5



BC6A9B



5D555E



8F009E



1C001F

Previews

White Background



This preview shows how the Hex color 72BC6A 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 72BC6A looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

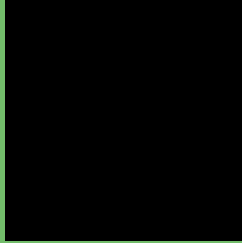
Any Text WCAG AA ✓ Pass

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 72BC6A Background



This preview shows how black text looks on a background with the Hex color 72BC6A.

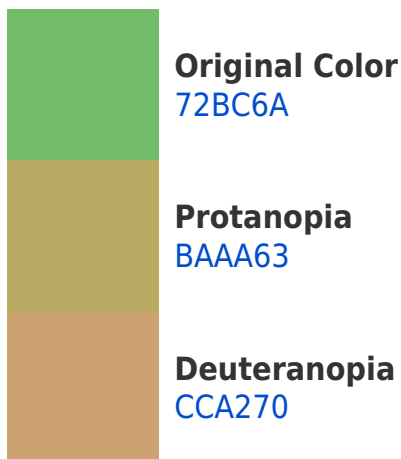


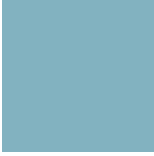
This preview shows how white text looks on a background with the Hex color 72BC6A.

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](#).

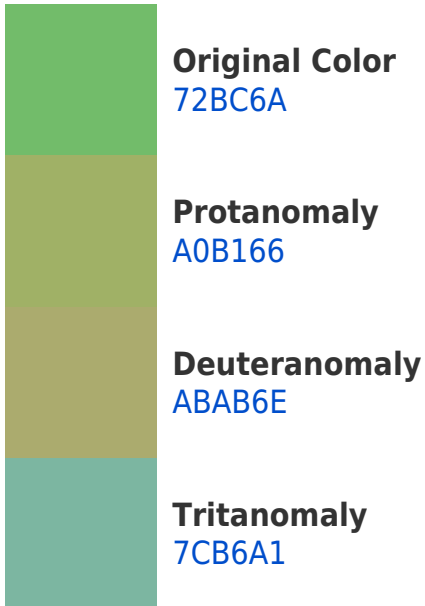
Dichromacy



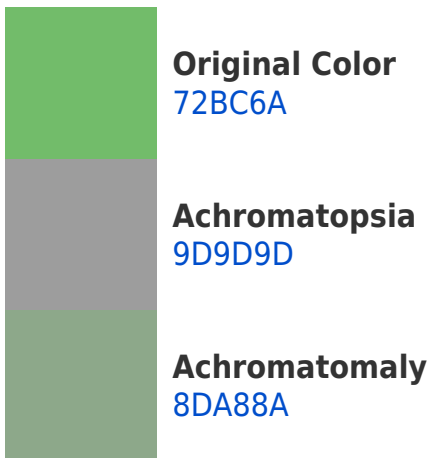


Tritanopia
82B2C0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 72BC6A 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 #72BC6A looks like.

```
.text, #text, p{  
    color:#72BC6A  
}
```

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 #72BC6A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #72BC6A
}
```

Border

The CSS property to change the border of an element to Hex 72BC6A 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
#72BC6A }
```

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

```
.border{ border-color:#72BC6A }
```

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

Here you see how a box with a 4 pixel #72BC6A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #72BC6A; -webkit-box-shadow:4px 4px  
4px 4px #72BC6A; box-shadow:4px 4px 4px  
4px #72BC6A }
```

Background

The CSS property to change the background color of an element to Hex 72BC6A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#72BC6A }
```

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

```
.background{ background-color:#72BC6A }
```

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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