

Converting Colors

Hex(72CFA6)

Have a look what the booklet for
Hex(72CFA6) contains.

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Color

Hex(72CFA6)

Conversions

Conversions Part 1

Format	Color
Hex	72CFA6
RGB	114, 207, 166
RGB Percent	45%, 81%, 65%
CMY	0.5529, 0.1882, 0.3490
CMYK	0.45, 0.00, 0.20, 0.19
HSL	154°, 49%, 63%
HSV	154°, 45%, 81%
XYZ	36.1352, 50.9562, 44.0074
YIQ	174.5190, -42.2670, -32.4670

Conversions

Conversions Part 2

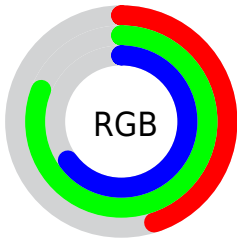
Format	Color
RYB	114, 174, 207
Decimal	7524262
CIELab	76.65, -37.15, 11.87
CIELCh	77, 39.000, 162.274
Yxy	50.9562, 0.2756, 0.3887
Android (android.graphics.Color)	4285714342 (0xFF72CFA6)
YUV	174.5190, -4.1999, -53.0752
Hunter-Lab	71.3836, -34.5627, 13.4168

Details

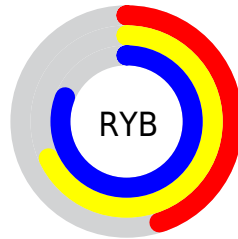
The Hex color **72CFA6** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **CF729B**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **AAFFDD**, and **399872** is the 20% darker color. If you saturate the color by 10%, you get **5DCF9D**, and if you desaturate by 10%, it is **87CFAF**.

Distribution



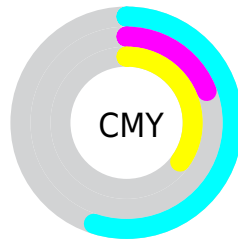
- Red (45%)
- Green (81%)
- Blue (65%)



- Red (45%)
- Yellow (68%)
- Blue (81%)



- Cyan (45%)
- Magenta (0%)
- Yellow (20%)
- Black (19%)



- Cyan (55%)
- Magenta (19%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 72CFA6 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 72CFA6 by changing the saturation by 10% instead.

 72CFA6

 72CFA6


FFFFFF

 56B38C

 AAFFDD

 399872

 C7FFFA

 177E5A

 E4FFFF

 006442

 004C2C

 003417

 001F00

 000000

 72CFA6

 72CFA6

 5DCF9D

 87CFAF

 49CF94

 9BCFB8

 34CF8B

 B0CFC1

 1FCF81

 C5CFCB

 0BCF78

 DACFD4

 00CF74

 EECFDD

 FFCFE6

 FFCFEF

 FFCFF8

Harmonies

Analogous

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



9FC987



72CFA6



43D1CB

Triad

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



72CFA6



A2BCFF



FEA88E

Complementary

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



72CFA6



CF729B

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.



FFA1AF



72CFA6



D4AEF3

Square

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



72CFA6



66C7FF



F6A4D4



E8B479

Rectangle

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



72CFA6



30CFE2



F6A4D4



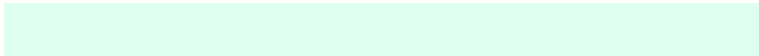
FFA598

Sweetspot

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



72CFA6



DEFFF0



9CCF72



6B8077



000000



808080

Same Dimension

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



72CFA6



75FFC2



72CACF



5E6964



00A85E



002917

Inverse Universe

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



CF729B



FF75B2



CF7772



695E63



A8004A



290012

Previews

White Background



This preview shows how the Hex color 72CFA6 looks on a white background.

Color Contrast Check

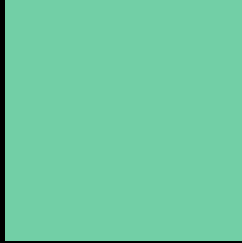
Large Text (above 18pt) WCAG AA × Fail

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 72CFA6 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 72CFA6 Background



This preview shows how black text looks on a background with the Hex color 72CFA6.

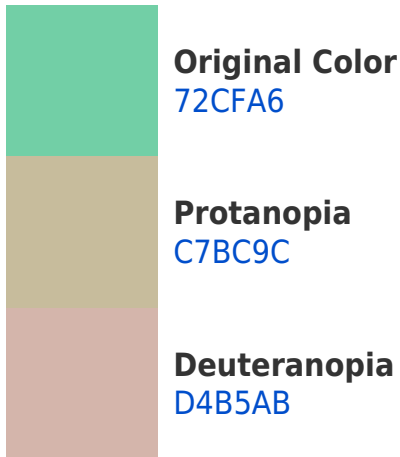


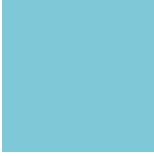
This preview shows how white text looks on a background with the Hex color 72CFA6.

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





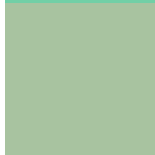
Tritanopia
7FC8D8

Trichromacy



Original Color

72CFA6



Protanomaly

A8C3A0



Deuteranomaly

B0BEA9



Tritanomaly

7ACBC6

Monochromacy



Original Color

72CFA6



Achromatopsia

AFAFAF



Achromatomaly

99BBAC

CSS Examples

Text

The CSS property to change the color of the text to Hex 72CFA6 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 #72CFA6 looks like.

```
.text, #text, p{  
    color:#72CFA6  
}
```

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 #72CFA6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #72CFA6
}
```

Border

The CSS property to change the border of an element to Hex 72CFA6 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
#72CFA6 }
```

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

```
.border{ border-color:#72CFA6 }
```

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

Here you see how a box with a 4 pixel #72CFA6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #72CFA6; -webkit-box-shadow:4px 4px  
4px 4px #72CFA6; box-shadow:4px 4px 4px  
4px #72CFA6 }
```

Background

The CSS property to change the background color of an element to Hex 72CFA6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#72CFA6 }
```

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

```
.background{ background-color:#72CFA6 }
```

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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