

Converting Colors

Hex(67CDA2)

Have a look what the booklet for
Hex(67CDA2) contains.

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Color

Hex(67CDA2)

Conversions

Conversions Part 1

Format	Color
Hex	67CDA2
RGB	103, 205, 162
RGB Percent	40%, 80%, 64%
CMY	0.5961, 0.1961, 0.3647
CMYK	0.50, 0.00, 0.21, 0.20
HSL	155°, 50%, 60%
HSV	155°, 50%, 80%
XYZ	33.9464, 49.1548, 41.8811
YIQ	169.6000, -46.9890, -34.9970

Conversions

Conversions Part 2

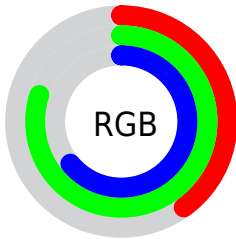
Format	Color
RYB	103, 168, 205
Decimal	6802850
CIELab	75.55, -39.85, 12.39
CIElCh	76, 41.734, 162.730
Yxy	49.1548, 0.2716, 0.3933
Android (android.graphics.Color)	4284992930 (0xFF67CDA2)
YUV	169.6000, -3.7468, -58.4082
Hunter-Lab	70.1105, -36.2665, 13.6600

Details

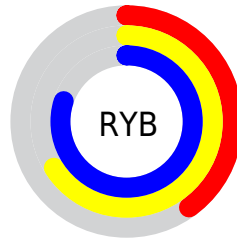
The Hex color **67CDA2** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **CD6792**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **A0FFD9**, and **2B966E** is the 20% darker color. If you saturate the color by 10%, you get **53CD99**, and if you desaturate by 10%, it is **7CCDAB**.

Distribution



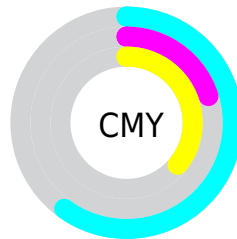
- Red (40%)
- Green (80%)
- Blue (64%)



- Red (40%)
- Yellow (66%)
- Blue (80%)



- Cyan (50%)
- Magenta (0%)
- Yellow (21%)
- Black (20%)



- Cyan (60%)
- Magenta (20%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 67CDA2 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 67CDA2 by changing the saturation by 10% instead.



67CDA2



67CDA2

FFFFFF



4AB188



A0FFD9



2B966E



BDFFF5



007C56



DAFFFF



00623F



F7FFFF



004928



003214



001C00



000000



67CDA2



67CDA2

 53CD99

 7CCDAB

 3ECD91

 90CDB3

 2ACD88

 A5CDBC

 15CD7F

 B9CDC5

 01CD77

 CECD CD

 00CD77

 E2CDD6

 F7CDDE

 FFCDE7

 FFCDF0

Harmonies

Analogous

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



98C780



67CDA2



27CFCA

Triad

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



67CDA2



9DB8FF



FEA388

Complementary

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



67CDA2



CD6792

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.



FF9CAB



67CDA2



D3AAF3

Square

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



67CDA2



57C4FF



F79FD2



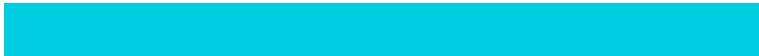
E6B071

Rectangle

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



67CDA2



00CDE2



F79FD2



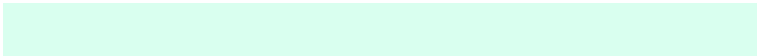
FFA092

Sweetspot

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



67CDA2



D9FFEF



93CD67



698076



000000



808080

Same Dimension

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



67CDA2



66FFBE



67C6CD



5C6662



00A660



002616

Inverse Universe

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



CD6792



FF66A7



CD6E67



665C60



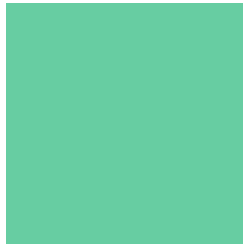
A60046



260010

Previews

White Background



This preview shows how the Hex color 67CDA2 looks on a white background.

Color Contrast Check

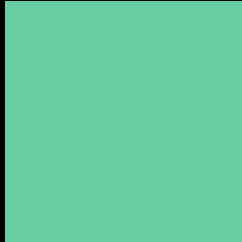
Large Text (above 18pt) WCAG AA × Fail

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 67CDA2 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 67CDA2 Background



This preview shows how black text looks on a background with the Hex color 67CDA2.

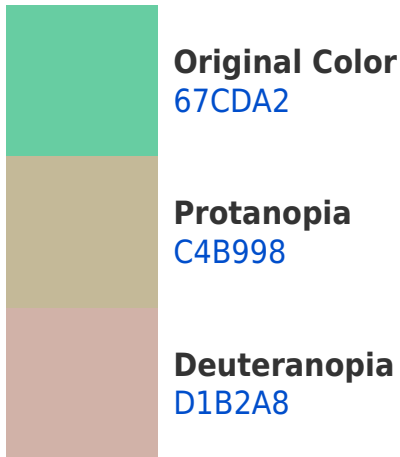


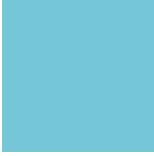
This preview shows how white text looks on a background with the Hex color 67CDA2.

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
75C6D6

Trichromacy



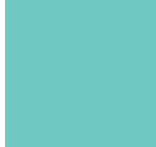
Original Color
67CDA2



Protanomaly
A2C09C



Deuteranomaly
AABCA6

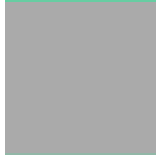


Tritanomaly
70C9C3

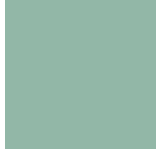
Monochromacy



Original Color
67CDA2



Achromatopsia
AAAAAA



Achromatomaly
92B7A7

CSS Examples

Text

The CSS property to change the color of the text to Hex 67CDA2 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 #67CDA2 looks like.

```
.text, #text, p{  
    color:#67CDA2  
}
```

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 #67CDA2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67CDA2
}
```

Border

The CSS property to change the border of an element to Hex 67CDA2 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
#67CDA2 }
```

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

```
.border{ border-color:#67CDA2 }
```

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

Here you see how a box with a 4 pixel #67CDA2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67CDA2; -webkit-box-shadow:4px 4px  
4px 4px #67CDA2; box-shadow:4px 4px 4px  
4px #67CDA2 }
```

Background

The CSS property to change the background color of an element to Hex 67CDA2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67CDA2 }
```

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

```
.background{ background-color:#67CDA2 }
```

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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