

Converting Colors

Hex(65CFA2)

Have a look what the booklet for
Hex(65CFA2) contains.

| | |
|--|----|
| Hex(65CFA2) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(65CFA2)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 65CFA2 |
| RGB | 101, 207, 162 |
| RGB Percent | 40%, 81%, 64% |
| CMY | 0.6039, 0.1882, 0.3647 |
| CMYK | 0.51, 0.00, 0.22, 0.19 |
| HSL | 155°, 52%, 60% |
| HSV | 155°, 51%, 81% |
| XYZ | 34.2012, 50.0010, 42.0310 |
| YIQ | 170.1760, -48.7310, -36.4670 |

Conversions

Conversions Part 2

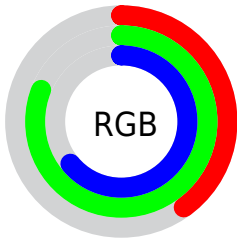
| Format | Color |
|-------------------------------------|---|
| RYB | 101, 168, 207 |
| Decimal | 6672290 |
| CIELab | 76.07, -41.22, 13.12 |
| CIELCh | 76, 43.255, 162.347 |
| Yxy | 50.0010, 0.2709, 0.3961 |
| Android (android.graphics.Color) | 4284862370 (0xFF65CFA2) |
| YUV | 170.1760, -4.0308, -60.6674 |
| Hunter-Lab | 70.7114, -37.4091, 14.2559 |

Details

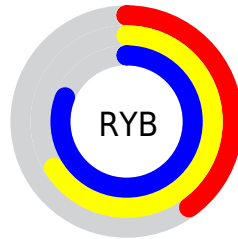
The Hex color **65CFA2** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **CF6592**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **9EFFD9**, and **27986E** is the 20% darker color. If you saturate the color by 10%, you get **50CF99**, and if you desaturate by 10%, it is **7ACFAB**.

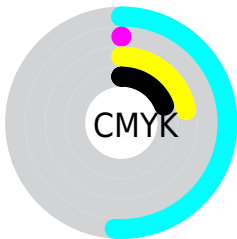
Distribution



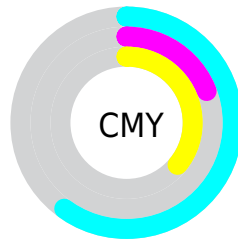
- Red (40%)
- Green (81%)
- Blue (64%)



- Red (40%)
- Yellow (66%)
- Blue (81%)



- Cyan (51%)
- Magenta (0%)
- Yellow (22%)
- Black (19%)



- Cyan (60%)
- Magenta (19%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 65CFA2 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 65CFA2 by changing the saturation by 10% instead.

 65CFA2

 65CFA2

FFFFFF

 48B388


 9EFFD9

 27986E

 BBFFF5

 007D56

 D8FFFF

 00643F

 F6FFFF

 004B28

 003314

 001D00

 000000

 65CFA2

 65CFA2

 50CF99

 7ACFAB

 3CCF90

 8ECFB4

 27CF88

 A3CFBC

 12CF7F

 B8CFC5

 00CF77

 CCCFCE

 E1CFD7

 F6CFE0

 FFCFE8

 FFCFF1

Harmonies

Analogous

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



99C97F



65CFA2



17D1CB

Triad

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



65CFA2



9CBAFF



FFA488

Complementary

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



65CFA2



CF6592

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.



FF9CAC



65CFA2



D5ABF7

Square

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



65CFA2



50C6FF



FA9FD5



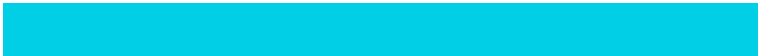
EAB170

Rectangle

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



65CFA2



00CFE5



FA9FD5



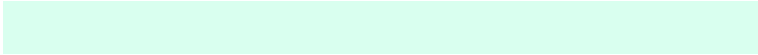
FFA093

Sweetspot

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



65CFA2



D9FFEF



93CF65



698076



000000



808080

Same Dimension

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



65CFA2



63FFBD



65C8CF



5E6964



00A861



002917

Inverse Universe

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



CF6592



FF63A5



CF6C65



695E63



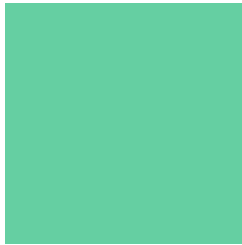
A80047



290011

Previews

White Background



This preview shows how the Hex color 65CFA2 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 65CFA2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

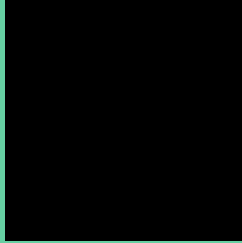
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

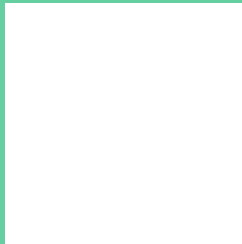
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 65CFA2 Background



This preview shows how black text looks on a background with the Hex color 65CFA2.

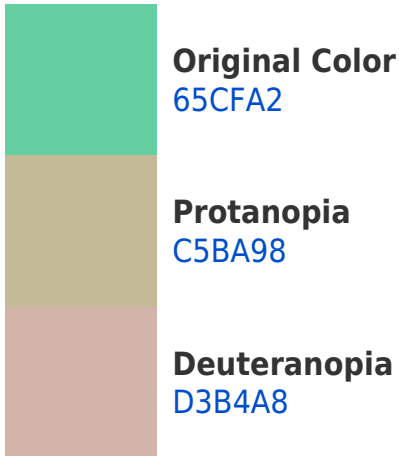


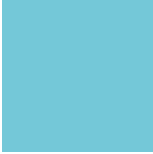
This preview shows how white text looks on a background with the Hex color 65CFA2.

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](#).

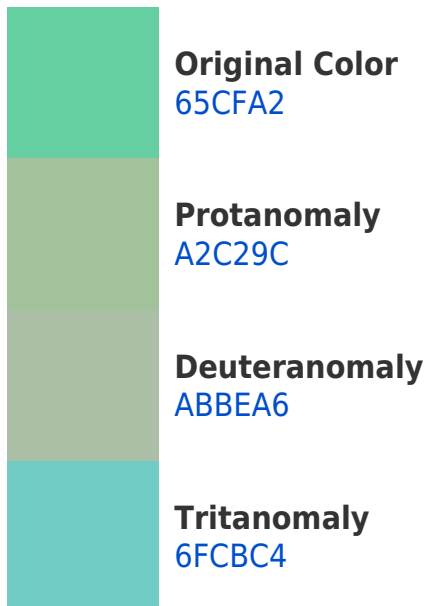
Dichromacy



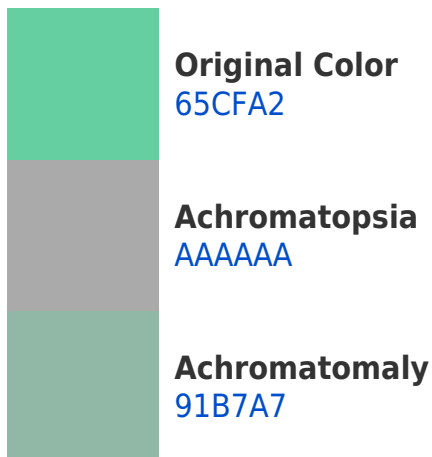


Tritanopia
74C8D8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 65CFA2 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 #65CFA2 looks like.

```
.text, #text, p{  
    color:#65CFA2  
}
```

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 #65CFA2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65CFA2
}
```

Border

The CSS property to change the border of an element to Hex 65CFA2 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
#65CFA2 }
```

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

```
.border{ border-color:#65CFA2 }
```

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

Here you see how a box with a 4 pixel #65CFA2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65CFA2; -webkit-box-shadow:4px 4px  
4px 4px #65CFA2; box-shadow:4px 4px 4px  
4px #65CFA2 }
```

Background

The CSS property to change the background color of an element to Hex 65CFA2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65CFA2 }
```

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

```
.background{ background-color:#65CFA2 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor