

Converting Colors

Hex(65CF89)

Have a look what the booklet for
Hex(65CF89) contains.

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Color

Hex(65CF89)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 65CF89 |
| RGB | 101, 207, 137 |
| RGB Percent | 40%, 81%, 54% |
| CMY | 0.6039, 0.1882, 0.4627 |
| CMYK | 0.51, 0.00, 0.34, 0.19 |
| HSL | 140°, 52%, 60% |
| HSV | 140°, 51%, 81% |
| XYZ | 32.1950, 49.1985, 31.4663 |
| YIQ | 167.3260, -40.7060, -44.2420 |

Conversions

Conversions Part 2

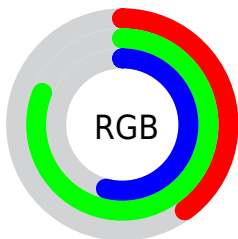
| Format | Color |
|-------------------------------------|--|
| RYB | 101, 180, 207 |
| Decimal | 6672265 |
| CIELab | 75.57, -46.18, 25.66 |
| CIELCh | 76, 52.828, 150.941 |
| Yxy | 49.1985, 0.2853, 0.4359 |
| Android (android.graphics.Color) | 4284862345 (0xFF65CF89) |
| YUV | 167.3260, -14.9507, -58.1679 |
| Hunter-Lab | 70.1416, -40.8164, 22.5010 |

Details

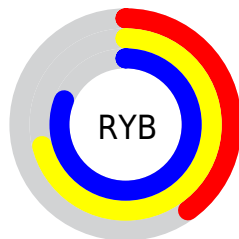
The Hex color **65CF89** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **CF65AB**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **9EFFBF**, and **279856** is the 20% darker color. If you saturate the color by 10%, you get **50CF7B**, and if you desaturate by 10%, it is **7ACF97**.

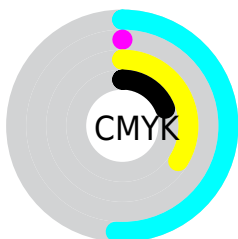
Distribution



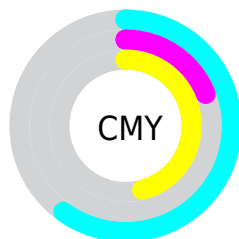
- Red (40%)
- Green (81%)
- Blue (54%)



- Red (40%)
- Yellow (71%)
- Blue (81%)



- Cyan (51%)
- Magenta (0%)
- Yellow (34%)
- Black (19%)



- Cyan (60%)
- Magenta (19%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 65CF89 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 65CF89 by changing the saturation by 10% instead.

 65CF89

 65CF89

FFFFFF

 48B36F

 9EFFBF

 279856

 BBFFDB

 007D3F

 D8FFF7

 006328

 F6FFFF

 004B11

 003300

 001C00

 000000

 65CF89

 65CF89

 50CF7B

 7ACF97

 3CCF6E

 8ECFA4

 27CF60

 A3CFB2

 12CF52

 B8CFC0

 00CF46

 CCCFCD

 E1CFDB

 F6CFE9

 FFCFF6

 FFCFFF

Harmonies

Analogous

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



A4C663



65CF89



00D3BA

Triad

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



65CF89



67BFFF



FF978B

Complementary

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



65CF89



CF65AB

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.



FF91BB



65CF89



C0ADFF

Square

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



65CF89



00CCFF



F89BEA



FDA666

Rectangle

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



65CF89



00D3DB



F89BEA



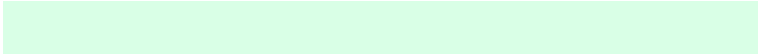
FF939A

Sweetspot

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



65CF89



D9FFE6



ACCF65



698070



000000



808080

Same Dimension

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



65CF89



63FF98



65CFBD



5E6962



00A839



00290E

Inverse Universe

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



CF65AB



FF63CA



CF6577



695E65



A8006F



29001B

Previews

White Background



This preview shows how the Hex color 65CF89 looks on a white background.

Color Contrast Check

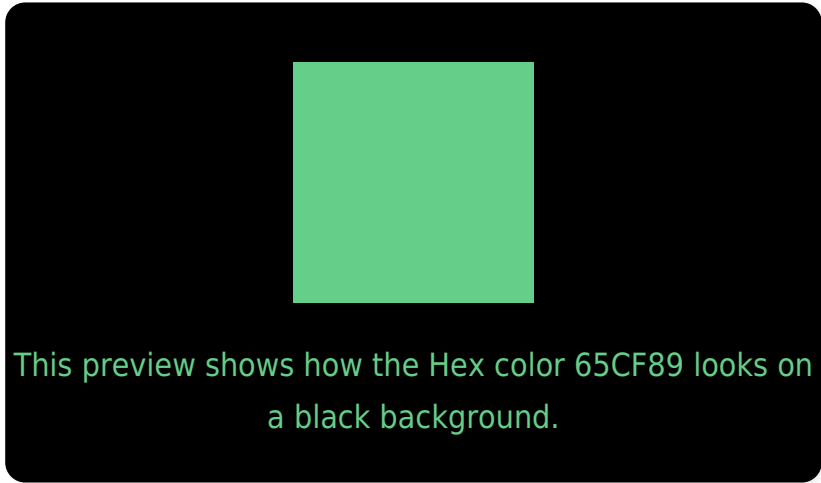
Large Text (above 18pt) WCAG AA × Fail

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

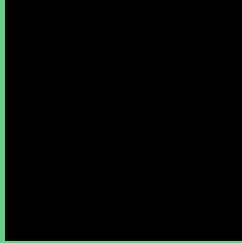
Any Text WCAG AA ✓ Pass

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 65CF89 Background



This preview shows how black text looks on a background with the Hex color 65CF89.

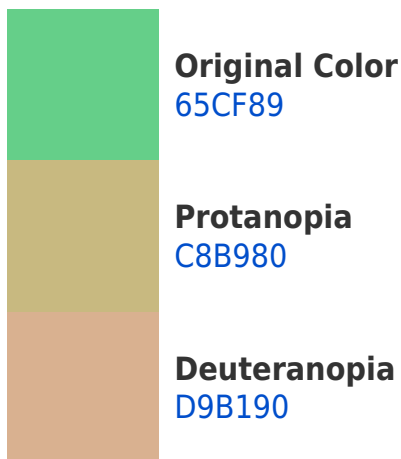


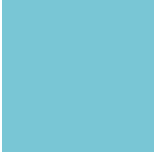
This preview shows how white text looks on a background with the Hex color 65CF89.

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](#).

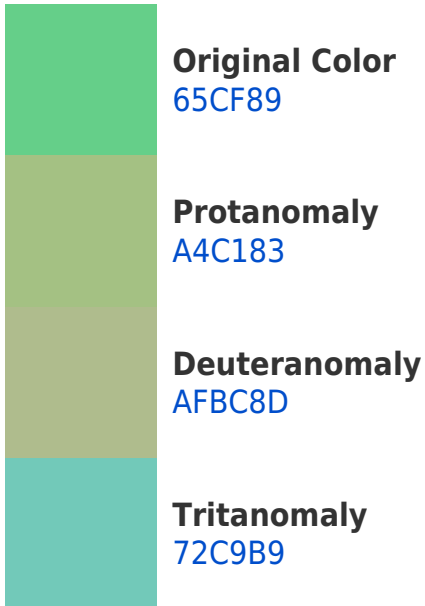
Dichromacy



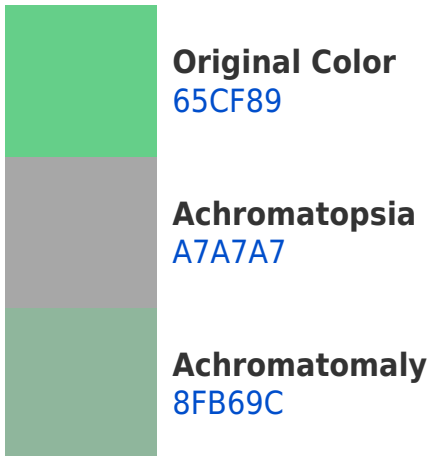


Tritanopia
79C6D5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 65CF89 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 #65CF89 looks like.

```
.text, #text, p{  
    color:#65CF89  
}
```

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 #65CF89 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65CF89
}
```

Border

The CSS property to change the border of an element to Hex 65CF89 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
#65CF89 }
```

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

```
.border{ border-color:#65CF89 }
```

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

Here you see how a box with a 4 pixel #65CF89 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65CF89; -webkit-box-shadow:4px 4px  
4px 4px #65CF89; box-shadow:4px 4px 4px  
4px #65CF89 }
```

Background

The CSS property to change the background color of an element to Hex 65CF89 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65CF89 }
```

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

```
.background{ background-color:#65CF89 }
```

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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