

Converting Colors

Hex(64F2CE)

Have a look what the booklet for
Hex(64F2CE) contains.

Hex(64F2CE)	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(64F2CE)

Conversions

Conversions Part 1

Format	Color
Hex	64F2CE
RGB	100, 242, 206
RGB Percent	39%, 95%, 81%
CMY	0.6078, 0.0510, 0.1922
CMYK	0.59, 0.00, 0.15, 0.05
HSL	165°, 85%, 67%
HSV	165°, 59%, 95%
XYZ	48.1482, 70.6698, 69.4955
YIQ	195.4380, -73.0760, -41.3000

Conversions

Conversions Part 2

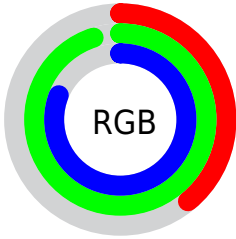
Format	Color
RYB	100, 181, 242
Decimal	6615758
CIELab	87.32, -46.78, 5.95
CIElCh	87, 47.158, 172.755
Yxy	70.6698, 0.2557, 0.3753
Android (android.graphics.Color)	4284805838 (0xFF64F2CE)
YUV	195.4380, 5.2071, -83.6991
Hunter-Lab	84.0653, -44.8789, 9.8316

Details

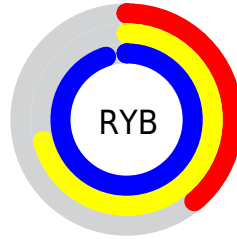
The Hex color **64F2CE** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **F26488**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **A2FFFF**, and **0DB998** is the 20% darker color. If you saturate the color by 10%, you get **4CF2C8**, and if you desaturate by 10%, it is **7CF2D4**.

Distribution



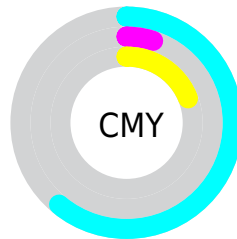
- Red (39%)
- Green (95%)
- Blue (81%)



- Red (39%)
- Yellow (71%)
- Blue (95%)



- Cyan (59%)
- Magenta (0%)
- Yellow (15%)
- Black (5%)



- Cyan (61%)
- Magenta (5%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 64F2CE 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 64F2CE by changing the saturation by 10% instead.

 64F2CE

 64F2CE


FFFFFF

 42D5B3

 A2FFFF

 0DB998

 C0FFFF

 009E7E

 DFFFFF

 008365

FDFFFF

 00694D

 005036

 003721

 00210B

 000000

 64F2CE

 64F2CE

 4CF2C8

 7CF2D4

 34F2C2

 94F2DA

 1BF2BC

 ADF2E0

 03F2B5

 C5F2E7

 00F2B5

 DDF2ED

 F5F2F3

 FFF2F9

 FFF2FF

Harmonies

Analogous

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



A1EDA3



64F2CE



00F2FC

Triad

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



64F2CE



D0D3FF



FFC595

Complementary

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



64F2CE



F26488

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.



FFB9BA



64F2CE



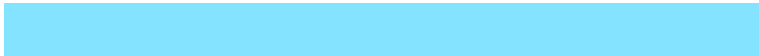
FFC3FF

Square

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



64F2CE



84E3FF



FFB9E8



FFD481

Rectangle

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



64F2CE



00F0FF



FFB9E8



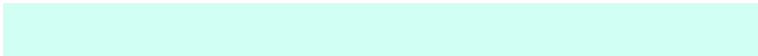
FFC0A0

Sweetspot

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



64F2CE



D1FFF3



8AF264



638078



000000



808080

Same Dimension

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



64F2CE



4DFFD2



64D1F2



6C7875



00B889



00382A

Inverse Universe

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



F26488



FF4D7A



F28564



786C6F



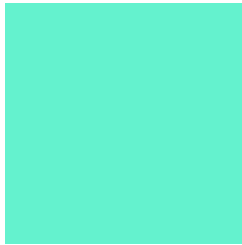
B8002F



38000E

Previews

White Background



This preview shows how the Hex color 64F2CE looks on a white background.

Color Contrast Check

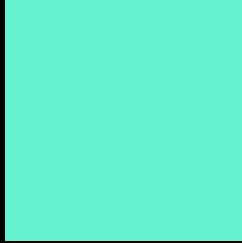
Large Text (above 18pt) WCAG AA × Fail

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 64F2CE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

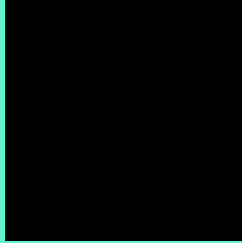
Any Text WCAG AA ✓ Pass

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 64F2CE Background



This preview shows how black text looks on a background with the Hex color 64F2CE.

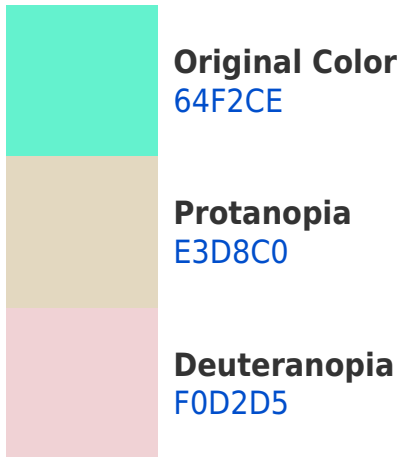


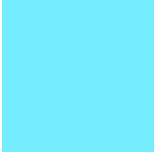
This preview shows how white text looks on a background with the Hex color 64F2CE.

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
75EBFE

Trichromacy



Original Color
64F2CE



Protanomaly
B5E1C5



Deuteranomaly
BDDDED2

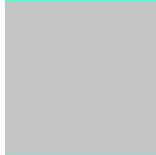


Tritanomaly
6FEEED

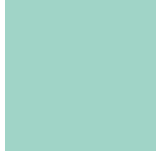
Monochromacy



Original Color
64F2CE



Achromatopsia
C3C3C3



Achromatomaly
A0D4C7

CSS Examples

Text

The CSS property to change the color of the text to Hex 64F2CE 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 #64F2CE looks like.

```
.text, #text, p{  
    color:#64F2CE  
}
```

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 #64F2CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64F2CE
}
```

Border

The CSS property to change the border of an element to Hex 64F2CE 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
#64F2CE }
```

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

```
.border{ border-color:#64F2CE }
```

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

Here you see how a box with a 4 pixel #64F2CE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64F2CE; -webkit-box-shadow:4px 4px  
4px 4px #64F2CE; box-shadow:4px 4px 4px  
4px #64F2CE }
```

Background

The CSS property to change the background color of an element to Hex 64F2CE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64F2CE }
```

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

```
.background{ background-color:#64F2CE }
```

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