

Converting Colors

Hex(65F4CE)

Have a look what the booklet for
Hex(65F4CE) contains.

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Color

Hex(65F4CE)

Conversions

Conversions Part 1

Format	Color
Hex	65F4CE
RGB	101, 244, 206
RGB Percent	40%, 96%, 81%
CMY	0.6039, 0.0431, 0.1922
CMYK	0.59, 0.00, 0.16, 0.04
HSL	164°, 87%, 68%
HSV	164°, 59%, 96%
XYZ	48.8581, 71.9243, 69.7002
YIQ	196.9110, -73.0300, -42.1340

Conversions

Conversions Part 2

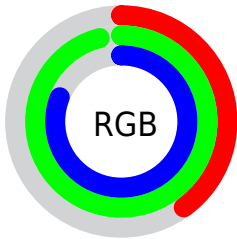
Format	Color
R_{YB}	101, 183, 244
Decimal	6681806
CIE Lab	87.93, -47.45, 6.83
CIE LCh	88, 47.941, 171.814
Yxy	71.9243, 0.2565, 0.3776
Android (android.graphics.Color)	4284871886 (0xFF65F4CE)
YUV	196.9110, 4.4809, -84.1139
Hunter-Lab	84.8082, -45.5803, 10.6378

Details

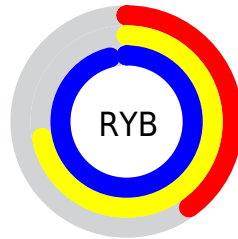
The Hex color **65F4CE** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **F4658B**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **A3FFFF**, and **10BB98** is the 20% darker color. If you saturate the color by 10%, you get **4DF4C8**, and if you desaturate by 10%, it is **7DF4D4**.

Distribution



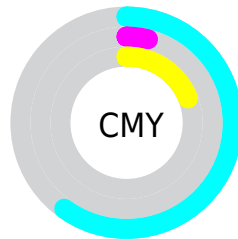
- Red (40%)
- Green (96%)
- Blue (81%)



- Red (40%)
- Yellow (72%)
- Blue (96%)



- Cyan (59%)
- Magenta (0%)
- Yellow (16%)
- Black (4%)



- Cyan (60%)
- Magenta (4%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 65F4CE 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 65F4CE by changing the saturation by 10% instead.

 65F4CE

 65F4CE


FFFFFF

 43D7B3


 A3FFFF

 10BB98


 C1FFFF

 009F7E

 E0FFFF

 008565

 006A4D

 005136

 003921

 00230B

 000000

 65F4CE

 65F4CE

 4DF4C8

 7DF4D4

 34F4C1

 96F4DB

 1CF4BB

 AEF4E1

 03F4B4

 C7F4E8

 00F4B3

 DFF4EE

 F7F4F5

 FFF4FB

 FFF4FF

Harmonies

Analogous

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



A4EFA2



65F4CE



00F4FD

Triad

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



65F4CE



CFD5FF



FFC696

Complementary

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



65F4CE



F4658B

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.



FFBABD



65F4CE



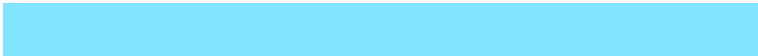
FFC5FF

Square

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



65F4CE



81E5FF



FFBAEB



FFD682

Rectangle

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



65F4CE



00F2FF



FFBAEB



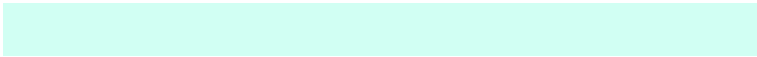
FFC1A2

Sweetspot

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



65F4CE



D1FFF3



8BF465



638078



000000



808080

Same Dimension

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



65F4CE



4DFFD0



65D3F4



6E7A77



00BA89



003B2B

Inverse Universe

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



F4658B



FF4D7C



F48665



7A6E71



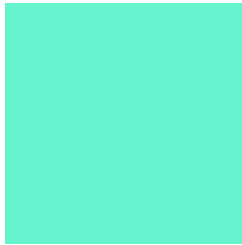
BA0031



3B0010

Previews

White Background



This preview shows how the Hex color 65F4CE looks on a white background.

Color Contrast Check

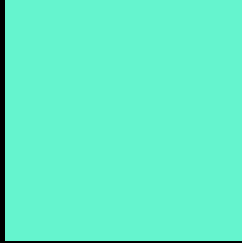
Large Text (above 18pt) WCAG AA × Fail

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 65F4CE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

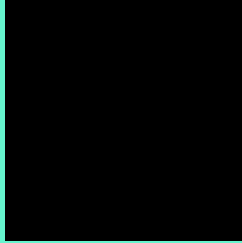
Any Text WCAG AA ✓ Pass

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 65F4CE Background



This preview shows how black text looks on a background with the Hex color 65F4CE.

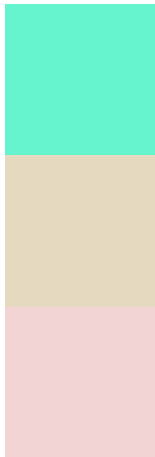


This preview shows how white text looks on a background with the Hex color 65F4CE.

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](#).

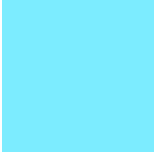
Dichromacy



Original Color
65F4CE

Protanopia
E5DAC0

Deuteranopia
F2D4D5



Tritanopia
7CECF

Trichromacy



Original Color
65F4CE



Protanomaly
B6E3C5



Deuteranomaly
BFE0D2

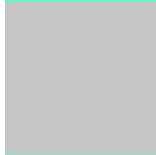


Tritanomaly
74EFED

Monochromacy



Original Color
65F4CE



Achromatopsia
C5C5C5



Achromatomaly
A2D6C8

CSS Examples

Text

The CSS property to change the color of the text to Hex 65F4CE 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 #65F4CE looks like.

```
.text, #text, p{  
    color:#65F4CE  
}
```

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 #65F4CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65F4CE
}
```

Border

The CSS property to change the border of an element to Hex 65F4CE 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
#65F4CE }
```

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

```
.border{ border-color:#65F4CE }
```

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

Here you see how a box with a 4 pixel #65F4CE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65F4CE; -webkit-box-shadow:4px 4px  
4px 4px #65F4CE; box-shadow:4px 4px 4px  
4px #65F4CE }
```

Background

The CSS property to change the background color of an element to Hex 65F4CE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65F4CE }
```

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

```
.background{ background-color:#65F4CE }
```

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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