

Converting Colors

Hex(65F2D0)

Have a look what the booklet for
Hex(65F2D0) contains.

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Color

Hex(65F2D0)

Conversions

Conversions Part 1

Format	Color
Hex	65F2D0
RGB	101, 242, 208
RGB Percent	40%, 95%, 82%
CMY	0.6039, 0.0510, 0.1843
CMYK	0.58, 0.00, 0.14, 0.05
HSL	166°, 84%, 67%
HSV	166°, 58%, 95%
XYZ	48.5041, 70.8250, 70.7887
YIQ	195.9650, -73.1220, -40.4660

Conversions

Conversions Part 2

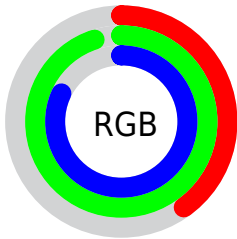
Format	Color
RYB	101, 181, 242
Decimal	6681296
CIELab	87.40, -46.13, 5.02
CIELCh	87, 46.400, 173.794
Yxy	70.8250, 0.2551, 0.3725
Android (android.graphics.Color)	4284871376 (0xFF65F2D0)
YUV	195.9650, 5.9333, -83.2843
Hunter-Lab	84.1576, -44.3976, 9.0389

Details

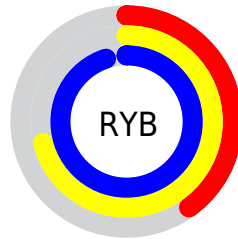
The Hex color **65F2D0** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **F26587**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **A3FFFF**, and **11B99A** is the 20% darker color. If you saturate the color by 10%, you get **4DF2CA**, and if you desaturate by 10%, it is **7DF2D6**.

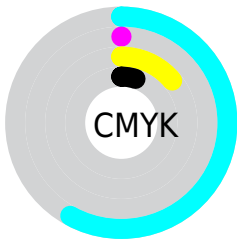
Distribution



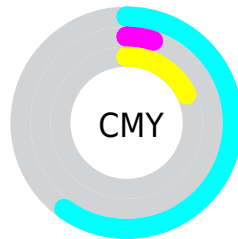
- Red (40%)
- Green (95%)
- Blue (82%)



- Red (40%)
- Yellow (71%)
- Blue (95%)



- Cyan (58%)
- Magenta (0%)
- Yellow (14%)
- Black (5%)



- Cyan (60%)
- Magenta (5%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 65F2D0 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 65F2D0 by changing the saturation by 10% instead.


 65F2D0

 65F2D0

FFFFFF

 43D5B4

 A3FFFF

 11B99A

 C1FFFF

 009E80

 E0FFFF

 008367

FEFFFF

 00694F

 005038

 003723

 00210D

 000000

 65F2D0

 65F2D0

 4DF2CA

 7DF2D6

 35F2C4

 95F2DC

 1CF2BE

 AEF2E2

 04F2B9

 C6F2E7

 00F2B8

 DEF2ED

 F6F2F3

 FFF2F9

 FFF2FF

Harmonies

Analogous

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



A1EDA5



65F2D0



16F2FD

Triad

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



65F2D0



D3D3FF



FFC695

Complementary

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



65F2D0



F26587

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.



FFBBBA



65F2D0



FFC3FF

Square

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



65F2D0



8AE2FF



FFB9E6



FFD583

Rectangle

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



65F2D0



10EFFF



FFB9E6



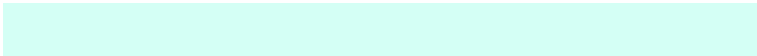
FFC1A0

Sweetspot

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



65F2D0



D4FFF5



88F265



668079



000000



808080

Same Dimension

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



65F2D0



4DFFD4



65CFF2



6C7875



00B88B



00382B

Inverse Universe

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



F26587



FF4D78



F28865



786C6F



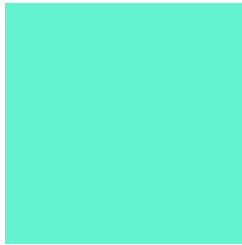
B8002C



38000E

Previews

White Background



This preview shows how the Hex color 65F2D0 looks on a white background.

Color Contrast Check

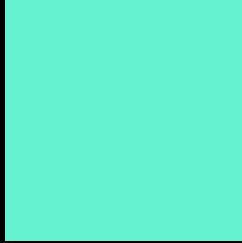
Large Text (above 18pt) WCAG AA × Fail

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 65F2D0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

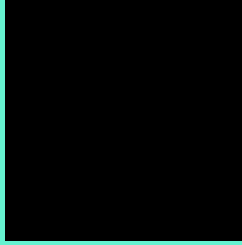
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

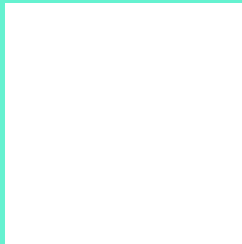
Any Text WCAG AAA ✓ Pass

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

Hex 65F2D0 Background



This preview shows how black text looks on a background with the Hex color 65F2D0.

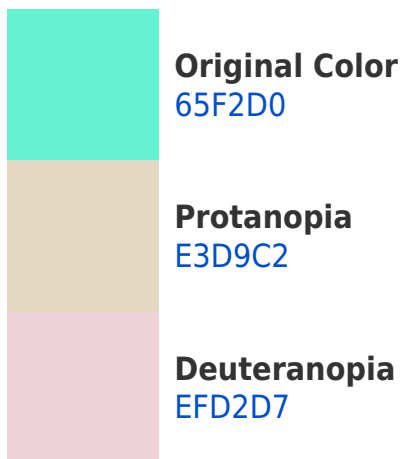


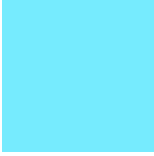
This preview shows how white text looks on a background with the Hex color 65F2D0.

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
76EBFE

Trichromacy



Original Color
65F2D0



Protanomaly
B5E2C7



Deuteranomaly
BDDDED4

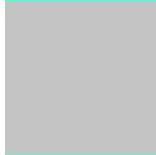


Tritanomaly
70EEED

Monochromacy



Original Color
65F2D0



Achromatopsia
C4C4C4



Achromatomaly
A1D5C8

CSS Examples

Text

The CSS property to change the color of the text to Hex 65F2D0 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 #65F2D0 looks like.

```
.text, #text, p{  
    color:#65F2D0  
}
```

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 #65F2D0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65F2D0
}
```

Border

The CSS property to change the border of an element to Hex 65F2D0 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
#65F2D0 }
```

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

```
.border{ border-color:#65F2D0 }
```

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

Here you see how a box with a 4 pixel #65F2D0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65F2D0; -webkit-box-shadow:4px 4px  
4px 4px #65F2D0; box-shadow:4px 4px 4px  
4px #65F2D0 }
```

Background

The CSS property to change the background color of an element to Hex 65F2D0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65F2D0 }
```

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

```
.background{ background-color:#65F2D0 }
```

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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