

Converting Colors

Hex(65F5EA)

Have a look what the booklet for
Hex(65F5EA) contains.

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Color

Hex(65F5EA)

Conversions

Conversions Part 1

Format	Color
Hex	65F5EA
RGB	101, 245, 234
RGB Percent	40%, 96%, 92%
CMY	0.6039, 0.0392, 0.0824
CMYK	0.59, 0.00, 0.04, 0.04
HSL	175°, 88%, 68%
HSV	175°, 59%, 96%
XYZ	52.8705, 74.0120, 89.3411
YIQ	200.6900, -82.2930, -33.9490

Conversions

Conversions Part 2

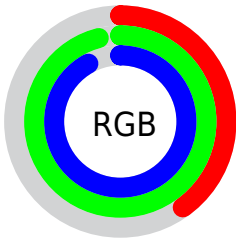
Format	Color
RYB	101, 176, 245
Decimal	6682090
CIELab	88.93, -41.07, -6.33
CIELCh	89, 41.553, 188.758
Yxy	74.0120, 0.2445, 0.3423
Android (android.graphics.Color)	4284872170 (0xFF65F5EA)
YUV	200.6900, 16.4218, -87.4281
Hunter-Lab	86.0302, -40.8544, -1.3506

Details

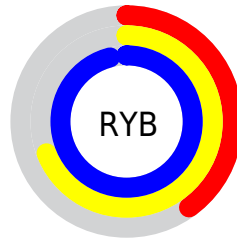
The Hex color **65F5EA** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **F56570**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **A4FFFF**, and **02BCB2** is the 20% darker color. If you saturate the color by 10%, you get **4DF5E8**, and if you desaturate by 10%, it is **7EF5EC**.

Distribution



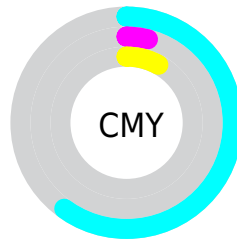
- Red (40%)
- Green (96%)
- Blue (92%)



- Red (40%)
- Yellow (69%)
- Blue (96%)



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



- Cyan (60%)
- Magenta (4%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 65F5EA 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 65F5EA by changing the saturation by 10% instead.

 65F5EA

 65F5EA

FFFFFF

 41D8CE

 A4FFFF

 02BCB2

 C3FFFF

 00A198

 E2FFFF

 00867E

 006C65

 00534D

 003B36

 002621

 00000B

 65F5EA

 65F5EA

 4DF5E8

 7EF5EC

 34F5E6

 96F5EE

 1CF5E4

 AFF5F0

 03F5E3

 C7F5F1

 00F5E2

 E0F5F3

 F8F5F5

 FFF5F7

 FFF5F9

 FFF5FB

Harmonies

Analogous

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



94F3C1



65F5EA



52F3FF

Triad

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



65F5EA



F3D1FF



FFD396

Complementary

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



65F5EA



F56570

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.



FFC7B0



65F5EA



FFC5FD

Square

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



65F5EA



BBDFFF



FFC1D5



EFE190

Rectangle

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



65F5EA



6AE EFF



FFC1D5



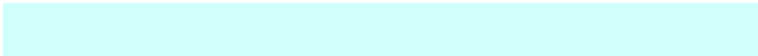
FFCF9D

Sweetspot

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



65F5EA



D1FFFB



71F565



63807D



000000



808080

Same Dimension

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



65F5EA



4AFFF1



65B9F5



6E7A79



00BAAC



003B36

Inverse Universe

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



F56570



FF4A58



F5A165



7A6E6F



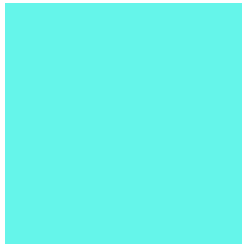
BA000E



3B0004

Previews

White Background



This preview shows how the Hex color 65F5EA looks on a white background.

Color Contrast Check

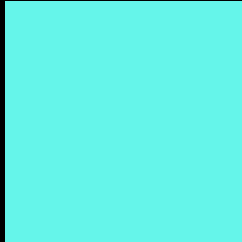
Large Text (above 18pt) WCAG AA × Fail

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 65F5EA 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 65F5EA Background



This preview shows how black text looks on a background with the Hex color 65F5EA.

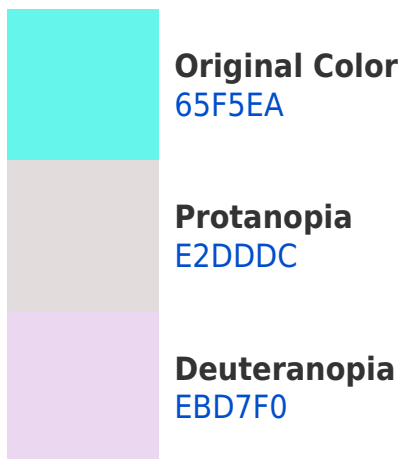


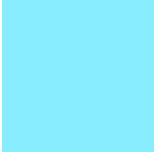
This preview shows how white text looks on a background with the Hex color 65F5EA.

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



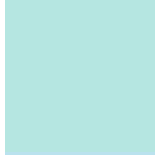


Tritanopia
88EEFF

Trichromacy



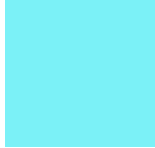
Original Color
65F5EA



Protanomaly
B5E6E1



Deuteranomaly
BAE2EE

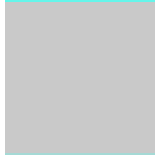


Tritanomaly
7BF1F7

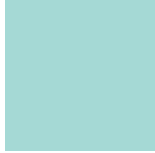
Monochromacy



Original Color
65F5EA



Achromatopsia
C9C9C9



Achromatomaly
A5D9D5

CSS Examples

Text

The CSS property to change the color of the text to Hex 65F5EA 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 #65F5EA looks like.

```
.text, #text, p{  
    color:#65F5EA  
}
```

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 #65F5EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65F5EA
}
```

Border

The CSS property to change the border of an element to Hex 65F5EA 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
#65F5EA }
```

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

```
.border{ border-color:#65F5EA }
```

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

Here you see how a box with a 4 pixel #65F5EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65F5EA; -webkit-box-shadow:4px 4px  
4px 4px #65F5EA; box-shadow:4px 4px 4px  
4px #65F5EA }
```

Background

The CSS property to change the background color of an element to Hex 65F5EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65F5EA }
```

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

```
.background{ background-color:#65F5EA }
```

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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