

Converting Colors

Hex(4EF5D7)

Have a look what the booklet for
Hex(4EF5D7) contains.

Hex(4EF5D7)	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(4EF5D7)

Conversions

Conversions Part 1

Format	Color
Hex	4EF5D7
RGB	78, 245, 215
RGB Percent	31%, 96%, 84%
CMY	0.6941, 0.0392, 0.1569
CMYK	0.68, 0.00, 0.12, 0.04
HSL	169°, 89%, 63%
HSV	169°, 68%, 96%
XYZ	48.0600, 71.8308, 75.6217
YIQ	191.6470, -89.9020, -44.7340

Conversions

Conversions Part 2

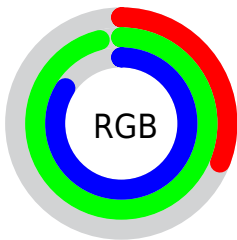
Format	Color
RYB	78, 170, 245
Decimal	5174743
CIELab	87.89, -49.45, 2.00
CIELCh	88, 49.491, 177.685
Yxy	71.8308, 0.2458, 0.3674
Android (android.graphics.Color)	4283364823 (0xFF4EF5D7)
YUV	191.6470, 11.5130, -99.6684
Hunter-Lab	84.7531, -47.0977, 6.4251

Details

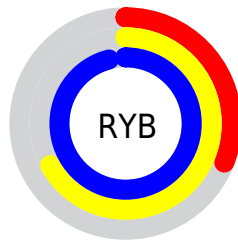
The Hex color **4EF5D7** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light washed cyan. A complement of this color would be **F54E6C**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **92FFFF**, and **00BCA0** is the 20% darker color. If you saturate the color by 10%, you get **36F5D3**, and if you desaturate by 10%, it is **67F5DB**.

Distribution



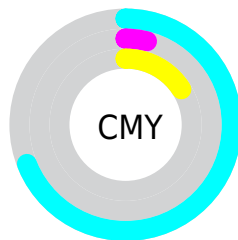
- Red (31%)
- Green (96%)
- Blue (84%)



- Red (31%)
- Yellow (67%)
- Blue (96%)



- Cyan (68%)
- Magenta (0%)
- Yellow (12%)
- Black (4%)



- Cyan (69%)
- Magenta (4%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4EF5D7 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 4EF5D7 by changing the saturation by 10% instead.

 4EF5D7

 4EF5D7

FFFFFF

 1DD8BB

 92FFFF

 00BCA0

 B2FFFF

 00A086

 D1FFFF

 00856D

 F0FFFF

 006B55

 00523E

 003928

 002314

 000000

 4EF5D7

 4EF5D7

 36F5D3

 67F5DB

 1DF5CE

 7FF5E0

 05F5CA

 98F5E4

 00F5C9

 B0F5E9

 C9F5ED

 E1F5F1

 FAF5F6

 FFF5FA

 FFF5FF

Harmonies

Analogous

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



96F0A8



4EF5D7



00F4FF

Triad

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



4EF5D7



DCD2FF



FFC88E

Complementary

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



4EF5D7



F54E6C

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.



FFBAB3



4EF5D7



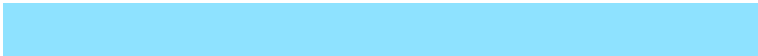
FFC1FF

Square

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



4EF5D7



8EE2FF



FFB7E2



FED87D

Rectangle

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



4EF5D7



00F1FF



FFB7E2



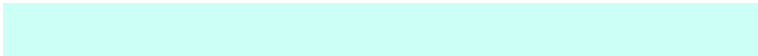
FFC399

Sweetspot

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



4EF5D7



CCFFF6



6DF54E



61807A



000000



808080

Same Dimension

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



4EF5D7



2EFFD9



4EC0F5



6E7A78



00BA99



003B30

Inverse Universe

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



F54E6C



FF2E53



F5834E



7A6E70



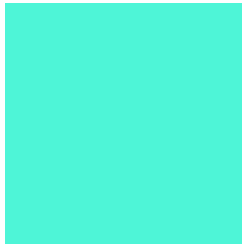
BA0021



3B000B

Previews

White Background



This preview shows how the Hex color 4EF5D7 looks on a white background.

Color Contrast Check

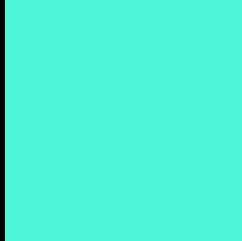
Large Text (above 18pt) WCAG AA × Fail

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 4EF5D7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

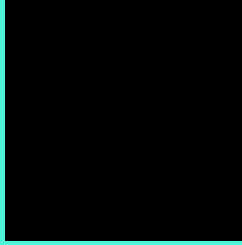
Any Text WCAG AA ✓ Pass

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 4EF5D7 Background



This preview shows how black text looks on a background with the Hex color 4EF5D7.



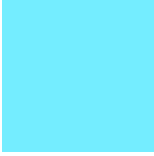
This preview shows how white text looks on a background with the Hex color 4EF5D7.

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



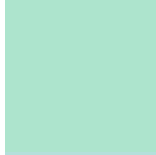


Tritanopia
74EDFF

Trichromacy



Original Color
4EF5D7



Protanomaly
ADE4CD



Deuteranomaly
B4E0DB

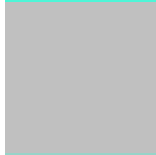


Tritanomaly
66F0F0

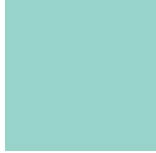
Monochromacy



Original Color
4EF5D7



Achromatopsia
C0C0C0



Achromatomaly
97D3C8

CSS Examples

Text

The CSS property to change the color of the text to Hex 4EF5D7 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 #4EF5D7 looks like.

```
.text, #text, p{  
    color:#4EF5D7  
}
```

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 #4EF5D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4EF5D7  
}
```

Border

The CSS property to change the border of an element to Hex 4EF5D7 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  
#4EF5D7 }
```

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

```
.border{ border-color:#4EF5D7 }
```

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

Here you see how a box with a 4 pixel #4EF5D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4EF5D7; -webkit-box-shadow:4px 4px  
4px 4px #4EF5D7; box-shadow:4px 4px 4px  
4px #4EF5D7 }
```

Background

The CSS property to change the background color of an element to Hex 4EF5D7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4EF5D7 }
```

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

```
.background{ background-color:#4EF5D7 }
```

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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