

Converting Colors

Hex(07E7F2)

Have a look what the booklet for
Hex(07E7F2) contains.

| | |
|--|----|
| Hex(07E7F2) | 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(07E7F2)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------------|
| Hex | 07E7F2 |
| RGB | 7, 231, 242 |
| RGB Percent | 3%, 91%, 95% |
| CMY | 0.9725, 0.0941, 0.0510 |
| CMYK | 0.97, 0.05, 0.00, 0.05 |
| HSL | 183°, 94%, 49% |
| HSV | 183°, 97%, 95% |
| XYZ | 44.6905, 63.6078, 93.9265 |
| YIQ | 165.2780, -137.0350, -44.0670 |

Conversions

Conversions Part 2

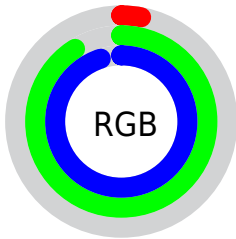
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 7, 122, 242 |
| Decimal | 518130 |
| CIELab | 83.76, -41.20, -18.39 |
| CIELCh | 84, 45.119, 204.048 |
| Yxy | 63.6078, 0.2210, 0.3145 |
| Android (android.graphics.Color) | 4278708210 (0xFF07E7F2) |
| YUV | 165.2780, 37.8239, -138.8098 |
| Hunter-Lab | 79.7545, -39.5476, -13.9974 |

Details

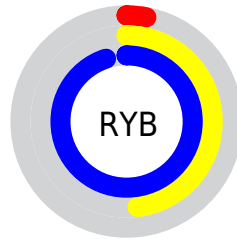
The Hex color **07E7F2** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light saturated cyan. A complement of this color would be **F21207**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **75FFFF**, and **00AFBA** is the 20% darker color. If you saturate the color by 10%, you get **00E7F2**, and if you desaturate by 10%, it is **1FE8F2**.

Distribution



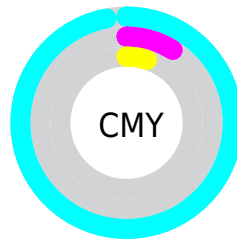
- Red (3%)
- Green (91%)
- Blue (95%)



- Red (3%)
- Yellow (48%)
- Blue (95%)



- Cyan (97%)
- Magenta (5%)
- Yellow (0%)
- Black (5%)




- Cyan (97%)
- Magenta (9%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 07E7F2 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 07E7F2 by changing the saturation by 10% instead.

 07E7F2

 07E7F2


FFFFFF

 00CBD6

 75FFFF

 00AFBA

 98FFFF

 00949F

 B9FFFF

 007985

 D9FFFF

 00606C

 F9FFFF

 004753

 00303C

 001727

 000111

07E7F2

07E7F2

00E7F2

1FE8F2

37E9F2

50EAF2

68ECF2

80EDF2

98EEF2

B0EFF2

C9F0F2

E1F1F2

Harmonies

Analogous

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



5EE7C7



07E7F2



2DE2FF

Triad

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



07E7F2



FEBAFF



F4CB7C

Complementary

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



07E7F2



F21207

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.



FFBD8D



07E7F2



FFB0DB

Square

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



07E7F2



C9C9FF



FFB2B0



CAD982

Rectangle

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



07E7F2



68DCFF



FFB2B0



FFC67F

Sweetspot

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



07E7F2



B5FCFF



07F20F



537D80



000000



808080

Same Dimension

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



07E7F2



00F3FF



0775F2



6C7778



00AFB8



003538

Inverse Universe

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



F207E7



FF00F3



F28407



786C77



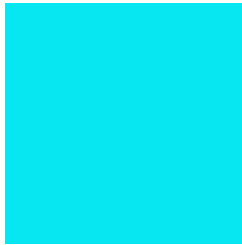
B800AF



380035

Previews

White Background



This preview shows how the Hex color 07E7F2 looks on a white background.

Color Contrast Check

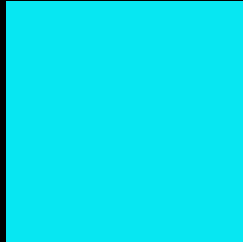
Large Text (above 18pt) WCAG AA × Fail

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 07E7F2 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

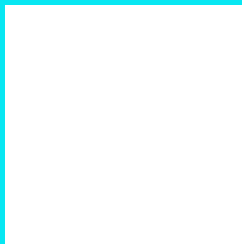
Any Text WCAG AAA ✓ Pass

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

Hex 07E7F2 Background



This preview shows how black text looks on a background with the Hex color 07E7F2.

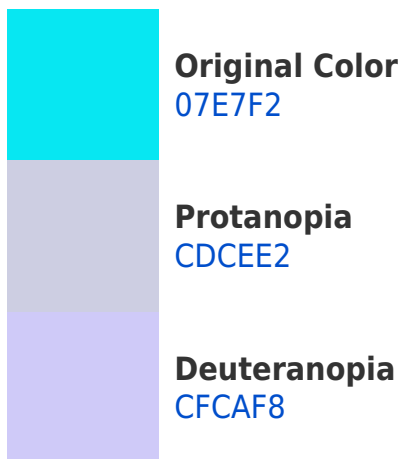


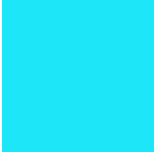
This preview shows how white text looks on a background with the Hex color 07E7F2.

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



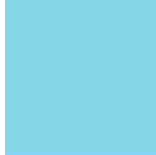


Tritanopia
1DE6F9

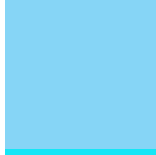
Trichromacy



Original Color
07E7F2



Protanomaly
85D7E8

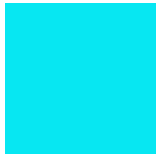


Deuteranomaly
86D5F6

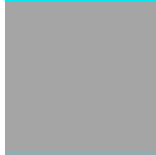


Tritanomaly
15E6F6

Monochromacy



Original Color
07E7F2



Achromatopsia
A5A5A5



Achromatomaly
6CBDC1

CSS Examples

Text

The CSS property to change the color of the text to Hex 07E7F2 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 #07E7F2 looks like.

```
.text, #text, p{  
    color:#07E7F2  
}
```

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 #07E7F2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #07E7F2
}
```

Border

The CSS property to change the border of an element to Hex 07E7F2 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
#07E7F2 }
```

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

```
.border{ border-color:#07E7F2 }
```

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

Here you see how a box with a 4 pixel #07E7F2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #07E7F2; -webkit-box-shadow:4px 4px  
4px 4px #07E7F2; box-shadow:4px 4px 4px  
4px #07E7F2 }
```

Background

The CSS property to change the background color of an element to Hex 07E7F2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#07E7F2 }
```

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

```
.background{ background-color:#07E7F2 }
```

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