

Converting Colors

Hex(3CF1E8)

Have a look what the booklet for
Hex(3CF1E8) contains.

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Color

Hex(3CF1E8)

Conversions

Conversions Part 1

Format	Color
Hex	3CF1E8
RGB	60, 241, 232
RGB Percent	24%, 95%, 91%
CMY	0.7647, 0.0549, 0.0902
CMYK	0.75, 0.00, 0.04, 0.05
HSL	177°, 87%, 59%
HSV	177°, 75%, 95%
XYZ	47.8843, 69.6974, 87.2731
YIQ	185.8550, -104.9870, -41.1710

Conversions

Conversions Part 2

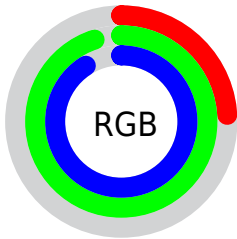
Format	Color
R _{YB}	60, 153, 241
Decimal	3994088
CIE _{Lab}	86.85, -45.46, -8.46
CIE _{LCh}	87, 46.240, 190.539
Y _{xy}	69.6974, 0.2337, 0.3402
Android (android.graphics.Color)	4282184168 (0xFF3CF1E8)
YUV	185.8550, 22.7495, -110.3748
Hunter-Lab	83.4850, -43.7170, -3.5408

Details

The Hex color **3CF1E8** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **F13C45**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **87FFFF**, and **00B8B0** is the 20% darker color. If you saturate the color by 10%, you get **24F1E7**, and if you desaturate by 10%, it is **54F1E9**.

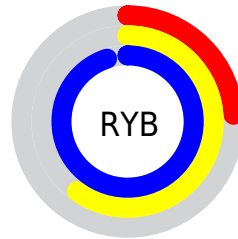
Distribution



Red (24%)

Green (95%)

Blue (91%)



Red (24%)

Yellow (60%)

Blue (95%)

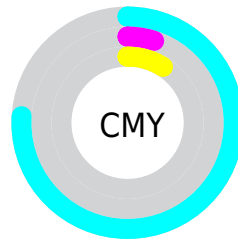


Cyan (75%)

Magenta (0%)

Yellow (4%)

Black (5%)



Cyan (76%)

Magenta (5%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3CF1E8 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 3CF1E8 by changing the saturation by 10% instead.

 3CF1E8

 3CF1E8

FFFFFF

 00D4CC

 87FFFF

 00B8B0

 A8FFFF

 009D96

 C8FFFF

 00827C

 E8FFFF

 006863

 004F4B

 003735

 002120

 000007

 3CF1E8

 3CF1E8

 24F1E7

 54F1E9

 0CF1E6

 6CF1EA

 00F1E5

 84F1EC

 9CF1ED

 B5F1EE

 CDF1EF

 E5F1F0

 FDF1F2

 FFF1F3

Harmonies

Analogous

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



80EFBB



3CF1E8



00EEFF

Triad

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



3CF1E8



F2C8FF



FFCD87

Complementary

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



3CF1E8



F13C45

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.



FFBFA2



3CF1E8



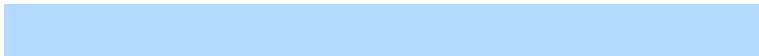
FFBBF8

Square

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



3CF1E8



B3D9FF



FFB7CB



E7DC82

Rectangle

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



3CF1E8



47E9FF



FFB7CB



FFC88E

Sweetspot

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



3CF1E8



C4FFFC



45F13C



5C807E



000000



808080

Same Dimension

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



3CF1E8



19FFF4



3CA0F1



6C7877



00B8AE



003835

Inverse Universe

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



F13C45



FF1925



F18D3C



786C6C



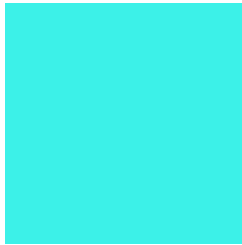
B80009



380003

Previews

White Background



This preview shows how the Hex color 3CF1E8 looks on a white background.

Color Contrast Check

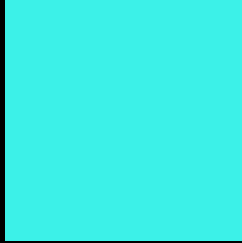
Large Text (above 18pt) WCAG AA × Fail

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 3CF1E8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

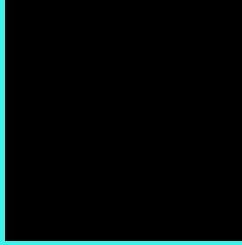
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

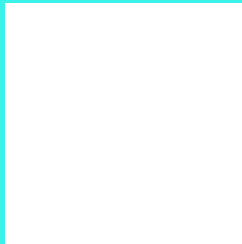
Any Text WCAG AAA ✓ Pass

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

Hex 3CF1E8 Background



This preview shows how black text looks on a background with the Hex color 3CF1E8.

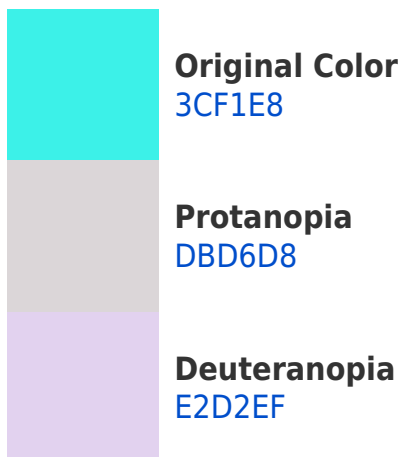


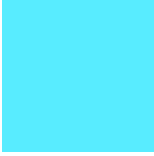
This preview shows how white text looks on a background with the Hex color 3CF1E8.

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](#).

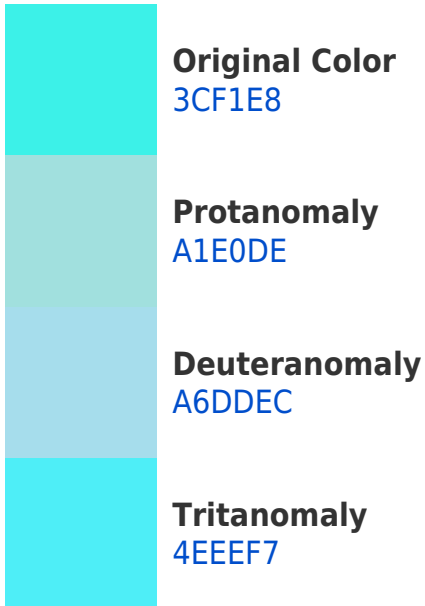
Dichromacy





Tritanopia
58ECFF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3CF1E8 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 #3CF1E8 looks like.

```
.text, #text, p{  
    color:#3CF1E8  
}
```

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 #3CF1E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3CF1E8
}
```

Border

The CSS property to change the border of an element to Hex 3CF1E8 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
#3CF1E8 }
```

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

```
.border{ border-color:#3CF1E8 }
```

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

Here you see how a box with a 4 pixel #3CF1E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3CF1E8; -webkit-box-shadow:4px 4px  
4px 4px #3CF1E8; box-shadow:4px 4px 4px  
4px #3CF1E8 }
```

Background

The CSS property to change the background color of an element to Hex 3CF1E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3CF1E8 }
```

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

```
.background{ background-color:#3CF1E8 }
```

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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