

# Converting Colors

Hex(5CF1E2)

Have a look what the booklet for  
Hex(5CF1E2) contains.

<b>Hex(5CF1E2)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(5CF1E2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5CF1E2
RGB	92, 241, 226
RGB Percent	36%, 95%, 89%
CMY	0.6392, 0.0549, 0.1137
CMYK	0.62, 0.00, 0.06, 0.05
HSL	174°, 84%, 65%
HSV	174°, 62%, 95%
XYZ	49.5964, 70.6769, 82.9795
YIQ	194.7390, -83.9890, -36.2530

# Conversions

## Conversions Part 2

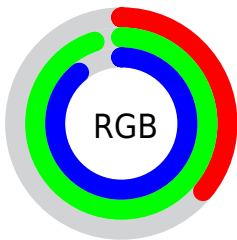
Format	Color
R <sub>Y</sub> B	92, 170, 241
Decimal	6091234
CIE Lab	87.33, -42.84, -4.53
CIE LCh	87, 43.079, 186.039
Yxy	70.6769, 0.2440, 0.3477
Android (android.graphics.Color)	4284281314 (0xFF5CF1E2)
YUV	194.7390, 15.4117, -90.1021
Hunter-Lab	84.0695, -41.8166, 0.3274

# Details

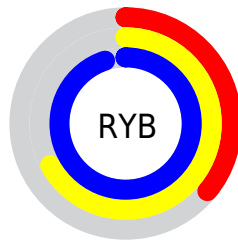
The Hex color **5CF1E2** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **F15C6B**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **9CFFFF**, and **00B8AB** is the 20% darker color. If you saturate the color by 10%, you get **44F1E0**, and if you desaturate by 10%, it is **74F1E4**.

# Distribution



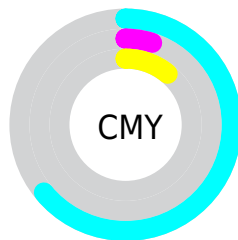
- Red (36%)
- Green (95%)
- Blue (89%)



- Red (36%)
- Yellow (67%)
- Blue (95%)



- Cyan (62%)
- Magenta (0%)
- Yellow (6%)
- Black (5%)



- Cyan (64%)
- Magenta (5%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5CF1E2 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 5CF1E2 by changing the saturation by 10% instead.



 5CF1E2

 5CF1E2

FFFFFF

 36D4C6

 9CFFFF

 00B8AB

 BBFFFF

 009D90

 DAFFFF

 008277

 F9FFFF

 00685E

 004F47

 003730

 00221B

 000000

 5CF1E2

 5CF1E2

 44F1E0

 74F1E4

 2CF1DD

 8CF1E7

 14F1DB

 A4F1E9

 00F1D9

 BCF1EC

 D4F1EE

 EDF1F1

 FFF1F3

 FFF1F5

 FFF1F8

# Harmonies

## Analogous

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



91EEB8



5CF1E2



3DEFFF

# Triad

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



5CF1E2



EBCDFF



FFCD91

# Complementary

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



5CF1E2



F15C6B

# 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.



FFC0AD



5CF1E2



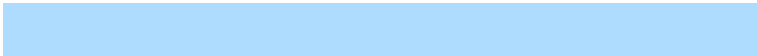
FFC0FD

# Square

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



5CF1E2



AEDCFE



FFBBD4



EEDB89

# Rectangle

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



5CF1E2



56EBFF



FFBBD4



FFC898

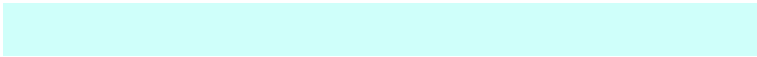


# Sweetspot

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



5CF1E2



CFFFA



6DF15C



62807D



000000



808080



# Same Dimension

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



5CF1E2



42FFEC



5CB8F1



6C7877



00B8A5



003832



# Inverse Universe

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



F15C6B



FF4255



F1955C



786C6D



B80012

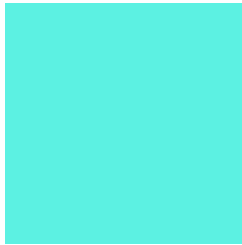


380006



# Previews

## White Background



This preview shows how the Hex color 5CF1E2 looks on a white background.

## Color Contrast Check

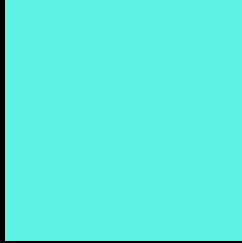
Large Text (above 18pt) WCAG AA × Fail

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 5CF1E2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

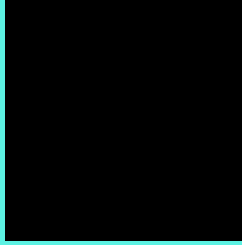
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 5CF1E2 Background



This preview shows how black text looks on a background with the Hex color 5CF1E2.

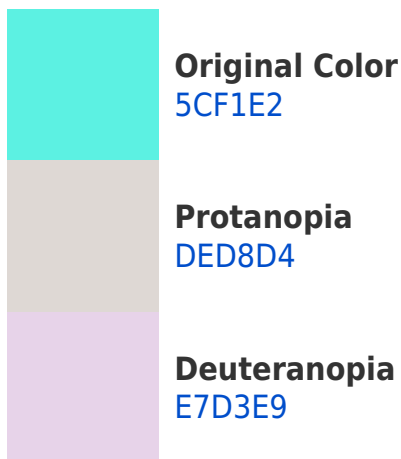


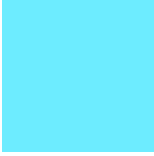
This preview shows how white text looks on a background with the Hex color 5CF1E2.

# 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**  
6DECFE

# Trichromacy



**Original Color**  
5CF1E2



**Protanomaly**  
AFE1D9



**Deuteranomaly**  
B4DEE6

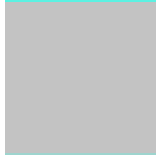


**Tritanomaly**  
67EEF4

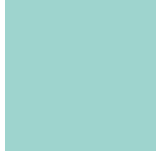
# Monochromacy



**Original Color**  
5CF1E2



**Achromatopsia**  
C3C3C3



**Achromatomaly**  
9ED4CE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5CF1E2 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 #5CF1E2 looks like.

```
.text, #text, p{  
    color:#5CF1E2  
}
```

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 #5CF1E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5CF1E2
}
```

## Border

The CSS property to change the border of an element to Hex 5CF1E2 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
#5CF1E2 }
```

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

```
.border{ border-color:#5CF1E2 }
```

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

Here you see how a box with a 4 pixel #5CF1E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5CF1E2; -webkit-box-shadow:4px 4px  
4px 4px #5CF1E2; box-shadow:4px 4px 4px  
4px #5CF1E2 }
```

# Background

The CSS property to change the background color of an element to Hex 5CF1E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5CF1E2 }
```

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

```
.background{ background-color:#5CF1E2 }
```

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