

# Converting Colors

Hex(5FE0D0)

Have a look what the booklet for  
Hex(5FE0D0) contains.

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# **Color**

**Hex(5FE0D0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5FE0D0
RGB	95, 224, 208
RGB Percent	37%, 88%, 82%
CMY	0.6275, 0.1216, 0.1843
CMYK	0.58, 0.00, 0.07, 0.12
HSL	173°, 68%, 63%
HSV	173°, 58%, 88%
XYZ	42.7601, 60.2983, 69.0595
YIQ	183.6050, -71.7480, -32.3240

# Conversions

## Conversions Part 2

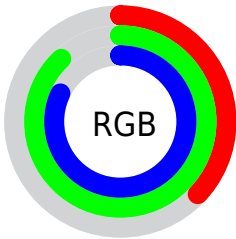
Format	Color
R <sub>Y</sub> B	95, 164, 224
Decimal	6283472
CIE Lab	82.00, -39.29, -2.87
CIE LCh	82, 39.397, 184.180
Yxy	60.2983, 0.2484, 0.3503
Android (android.graphics.Color)	4284473552 (0xFF5FE0D0)
YUV	183.6050, 12.0267, -77.7066
Hunter-Lab	77.6520, -37.5974, 1.6270

# Details

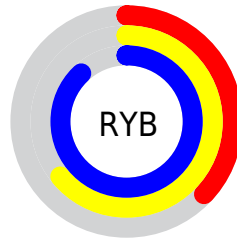
The Hex color **5FE0D0** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **E05F6F**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **9CFFFF**, and **06A89A** is the 20% darker color. If you saturate the color by 10%, you get **49E0CD**, and if you desaturate by 10%, it is **75E0D3**.

# Distribution



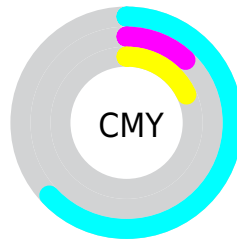
- Red (37%)
- Green (88%)
- Blue (82%)



- Red (37%)
- Yellow (64%)
- Blue (88%)



- Cyan (58%)
- Magenta (0%)
- Yellow (7%)
- Black (12%)



- Cyan (63%)
- Magenta (12%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5FE0D0 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 5FE0D0 by changing the saturation by 10% instead.



 5FE0D0

 5FE0D0

FFFFFF

 3DC4B4

 9CFFFF

 06A89A

 BAFFFF

 008D80

 D8FFFF

 007367

 F7FFFF

 005A4F

 004138

 002B23

 000E0E

 000000

 5FE0D0

 5FE0D0

 49E0CD

 75E0D3

 32E0CA

 8CE0D6

 1CE0C8

 A2E0D8

 05E0C5

 B9E0DB

 00E0C4

 CFE0DE

 E5E0E1

 FCE0E3

 FFE0E6

 FFE0E9

# Harmonies

## Analogous

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



8CDDAB



5FE0D0



45DEF4

# Triad

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



5FE0D0



D7C0FF



FFBF8A

# Complementary

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



5FE0D0



E05F6F

# 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.



FFB4A4



5FE0D0



FFB5ED

# Square

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



5FE0D0



A1CEFF



FFB0C8



E0CB82

# Rectangle

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



5FE0D0



56DBFF



FFB0C8



FFBB91



# Sweetspot

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



5FE0D0



D4FFFA



70E05F



66807C



000000



808080



# Same Dimension

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



5FE0D0



4FFFE9



5FB1E0



65706F



00B09A



00302A



# Inverse Universe

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



E05F6F



FF4F65



E08E5F



706566



B00016

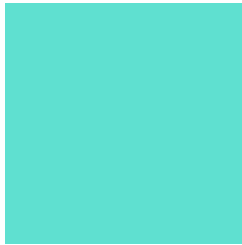


300006



# Previews

## White Background



This preview shows how the Hex color 5FE0D0 looks on a white background.

## Color Contrast Check

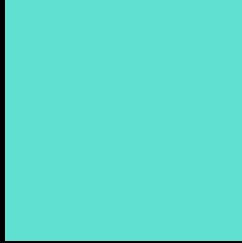
Large Text (above 18pt) WCAG AA × Fail

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 5FE0D0 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

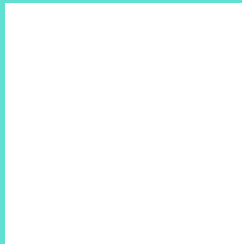
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5FE0D0 Background



This preview shows how black text looks on a background with the Hex color 5FE0D0.

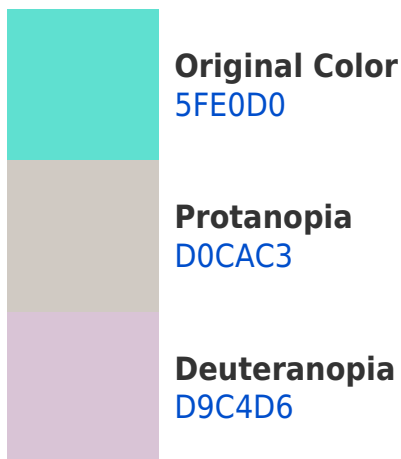


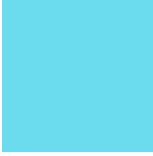
This preview shows how white text looks on a background with the Hex color 5FE0D0.

# 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**  
6ADCED

# Trichromacy



**Original Color**  
5FE0D0



**Protanomaly**  
A7D2C8



**Deuteranomaly**  
ADCED4

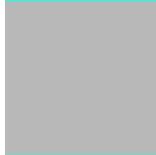


**Tritanomaly**  
66DDE2

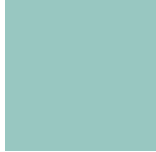
# Monochromacy



**Original Color**  
5FE0D0



**Achromatopsia**  
B8B8B8



**Achromatomaly**  
98C7C1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5FE0D0 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 #5FE0D0 looks like.

```
.text, #text, p{  
    color:#5FE0D0  
}
```

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 #5FE0D0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5FE0D0
}
```

## Border

The CSS property to change the border of an element to Hex 5FE0D0 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
#5FE0D0 }
```

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

```
.border{ border-color:#5FE0D0 }
```

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

Here you see how a box with a 4 pixel #5FE0D0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5FE0D0; -webkit-box-shadow:4px 4px  
4px 4px #5FE0D0; box-shadow:4px 4px 4px  
4px #5FE0D0 }
```

# Background

The CSS property to change the background color of an element to Hex 5FE0D0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5FE0D0 }
```

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

```
.background{ background-color:#5FE0D0 }
```

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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