

Converting Colors

Hex(54F2D0)

Have a look what the booklet for
Hex(54F2D0) contains.

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Color

Hex(54F2D0)

Conversions

Conversions Part 1

Format	Color
Hex	54F2D0
RGB	84, 242, 208
RGB Percent	33%, 95%, 82%
CMY	0.6706, 0.0510, 0.1843
CMYK	0.65, 0.00, 0.14, 0.05
HSL	167°, 86%, 64%
HSV	167°, 65%, 95%
XYZ	46.7935, 69.9431, 70.7086
YIQ	190.8820, -83.2540, -44.0700

Conversions

Conversions Part 2

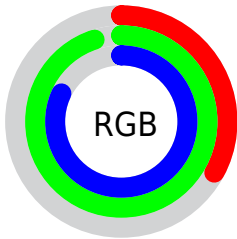
Format	Color
RYB	84, 173, 242
Decimal	5567184
CIELab	86.97, -49.02, 4.34
CIElCh	87, 49.216, 174.943
Yxy	69.9431, 0.2496, 0.3731
Android (android.graphics.Color)	4283757264 (0xFF54F2D0)
YUV	190.8820, 8.4392, -93.7355
Hunter-Lab	83.6320, -46.4824, 8.4143

Details

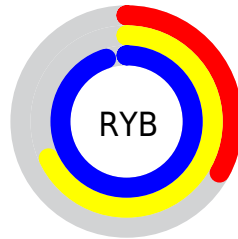
The Hex color **54F2D0** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted cyan. A complement of this color would be **F25476**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **96FFFF**, and **00B99A** is the 20% darker color. If you saturate the color by 10%, you get **3CF2CB**, and if you desaturate by 10%, it is **6CF2D5**.

Distribution



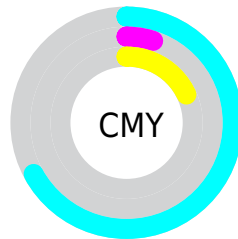
- Red (33%)
- Green (95%)
- Blue (82%)



- Red (33%)
- Yellow (68%)
- Blue (95%)



- Cyan (65%)
- Magenta (0%)
- Yellow (14%)
- Black (5%)



- Cyan (67%)
- Magenta (5%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 54F2D0 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 54F2D0 by changing the saturation by 10% instead.

 54F2D0

FFFFFF

 96FFFF

 B5FFFF

 D4FFFF

 F3FFFF

 54F2D0

 2AD5B4

 00B99A

 009D80

 008367

 00694F

 004F38

 003723

 00200D

 000000

 54F2D0

 54F2D0

 3CF2CB

 6CF2D5

 24F2C6

 84F2DA

 0BF2C0

 9DF2E0

 00F2BE

 B5F2E5

 CDF2EA

 E5F2EF

 FDF2F4

 FFF2FA

 FFF2FF

Harmonies

Analogous

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



99EDA2



54F2D0



00F2FF

Triad

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



54F2D0



D3D1FF



FFC48F

Complementary

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



54F2D0



F25476

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.



FFB7B5



54F2D0



FFC0FF

Square

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



54F2D0



83E1FF



FFB5E4



FFD47C

Rectangle

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



54F2D0



00EFFF



FFB5E4



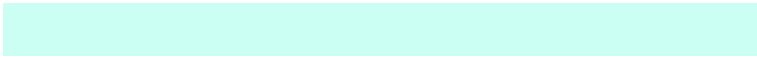
FFBF9A

Sweetspot

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



54F2D0



CCFFF4



76F254



618079



000000



808080

Same Dimension

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



54F2D0



38FFD4



54C5F2



6C7875



00B890



00382C

Inverse Universe

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



F25476



FF3863



F28154



786C6E



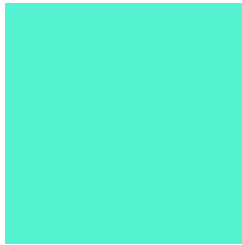
B80028



38000C

Previews

White Background



This preview shows how the Hex color 54F2D0 looks on a white background.

Color Contrast Check

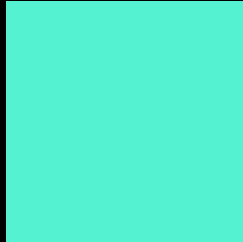
Large Text (above 18pt) WCAG AA × Fail

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 54F2D0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

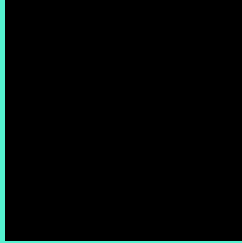
Any Text WCAG AA ✓ Pass

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 54F2D0 Background



This preview shows how black text looks on a background with the Hex color 54F2D0.

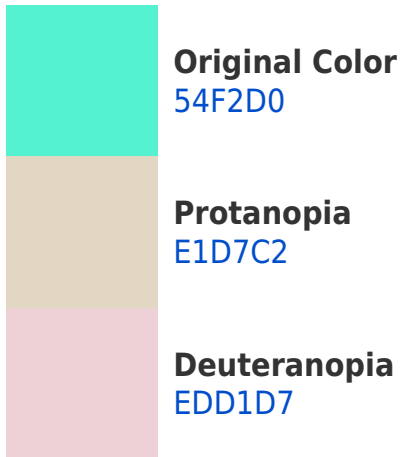


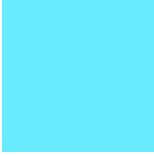
This preview shows how white text looks on a background with the Hex color 54F2D0.

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



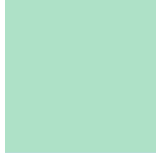


Tritanopia
68EBFE

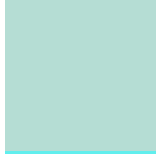
Trichromacy



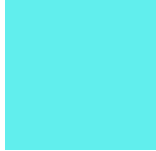
Original Color
54F2D0



Protanomaly
AEE1C7



Deuteranomaly
B5DDD4

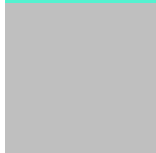


Tritanomaly
61EEED

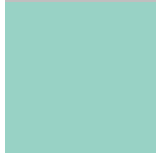
Monochromacy



Original Color
54F2D0



Achromatopsia
BFBFBF



Achromatomaly
98D2C5

CSS Examples

Text

The CSS property to change the color of the text to Hex 54F2D0 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 #54F2D0 looks like.

```
.text, #text, p{  
    color:#54F2D0  
}
```

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 #54F2D0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #54F2D0
}
```

Border

The CSS property to change the border of an element to Hex 54F2D0 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
#54F2D0 }
```

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

```
.border{ border-color:#54F2D0 }
```

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

Here you see how a box with a 4 pixel #54F2D0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #54F2D0; -webkit-box-shadow:4px 4px  
4px 4px #54F2D0; box-shadow:4px 4px 4px  
4px #54F2D0 }
```

Background

The CSS property to change the background color of an element to Hex 54F2D0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#54F2D0 }
```

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

```
.background{ background-color:#54F2D0 }
```

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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