

# Converting Colors

Hex(55F3D1)

Have a look what the booklet for  
Hex(55F3D1) contains.

|  |    |
|--|----|
| <b>Hex(55F3D1)</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(55F3D1)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 55F3D1                       |
| RGB         | 85, 243, 209                 |
| RGB Percent | 33%, 95%, 82%                |
| CMY         | 0.6667, 0.0471, 0.1804       |
| CMYK        | 0.65, 0.00, 0.14, 0.05       |
| HSL         | 167°, 87%, 64%               |
| HSV         | 167°, 65%, 95%               |
| XYZ         | 47.3055, 70.6359, 71.4624    |
| YIQ         | 191.8820, -83.2540, -44.0700 |

# Conversions

## Conversions Part 2

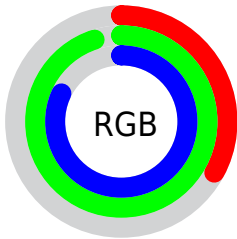
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>RYB</b>                          | 85, 174, 243                  |
| Decimal                             | 5632977                       |
| CIELab                              | 87.31, -49.05, 4.31           |
| CIELCh                              | 87, 49.239, 174.979           |
| Yxy                                 | 70.6359, 0.2498,<br>0.3729    |
| Android<br>(android.graphics.Color) | 4283823057<br>(0xFF55F3D1)    |
| YUV                                 | 191.8820, 8.4392,<br>-93.7355 |
| Hunter-Lab                          | 84.0452, -46.6089,<br>8.4182  |

# Details

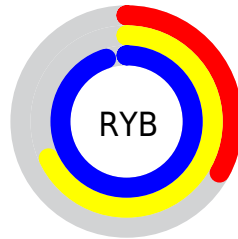
The Hex color **55F3D1** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted cyan. A complement of this color would be **F35577**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **97FFFF**, and **00BA9B** is the 20% darker color. If you saturate the color by 10%, you get **3DF3CC**, and if you desaturate by 10%, it is **6DF3D6**.

# Distribution



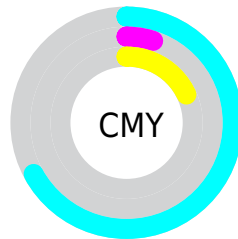
- Red (33%)
- Green (95%)
- Blue (82%)



- 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 55F3D1 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 55F3D1 by changing the saturation by 10% instead.



 55F3D1

 55F3D1

FFFFFF

 2CD6B5

 97FFFF

 00BA9B

 B6FFFF

 009E81

 D4FFFF

 008368

 F3FFFF

 006950

 005039

 003823

 00210E

 000000

 55F3D1

 55F3D1

 3DF3CC

 6DF3D6

 24F3C7

 86F3DB

 0CF3C1

 9EF3E1

 00F3BF

 B6F3E6

 CEF3EB

 E7F3F0

 FFF3F6

 FFF3FB

 FFF3FF

# Harmonies

## Analogous

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



9AEEA3



55F3D1



00F3FF

# Triad

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



55F3D1



D4D2FF



FFC590

# Complementary

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



55F3D1



F35577

# 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.



FFB8B6



55F3D1



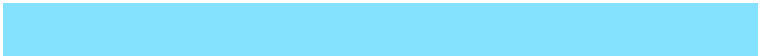
FFC1FF

# Square

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



55F3D1



84E2FF



FFB6E5



FFD57D

# Rectangle

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



55F3D1



00F0FF



FFB6E5



FFC09B

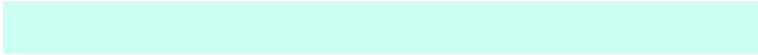


# Sweetspot

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



55F3D1



CCFFF4



77F355



618079



000000



808080



# Same Dimension

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



55F3D1



38FFD4



55C6F3



6E7A78



00BA92



003B2E



# Inverse Universe

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



F35577



FF3863



F38255



7A6E71



BA0028

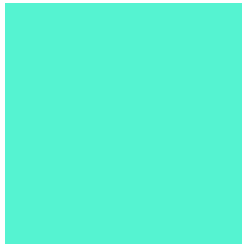


3B000D



# Previews

## White Background



This preview shows how the Hex color 55F3D1 looks on a white background.

## Color Contrast Check

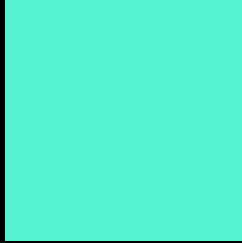
Large Text (above 18pt) WCAG AA × Fail

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 55F3D1 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 55F3D1 Background



This preview shows how black text looks on a background with the Hex color 55F3D1.

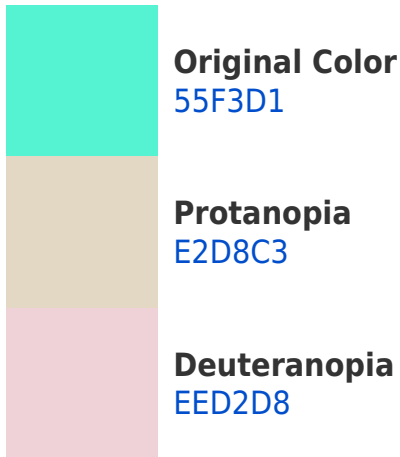


This preview shows how white text looks on a background with the Hex color 55F3D1.

# 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



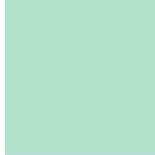


**Tritanopia**  
6CECFF

# Trichromacy



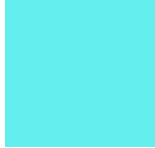
**Original Color**  
55F3D1



**Protanomaly**  
AFE2C8



**Deuteranomaly**  
B6DED5

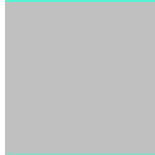


**Tritanomaly**  
64EFEE

# Monochromacy



**Original Color**  
55F3D1



**Achromatopsia**  
C0C0C0



**Achromatomaly**  
99D3C6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 55F3D1 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 #55F3D1 looks like.

```
.text, #text, p{  
    color:#55F3D1  
}
```

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 #55F3D1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55F3D1
}
```

## Border

The CSS property to change the border of an element to Hex 55F3D1 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
#55F3D1 }
```

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

```
.border{ border-color:#55F3D1 }
```

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

Here you see how a box with a 4 pixel #55F3D1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55F3D1; -webkit-box-shadow:4px 4px  
4px 4px #55F3D1; box-shadow:4px 4px 4px  
4px #55F3D1 }
```

# Background

The CSS property to change the background color of an element to Hex 55F3D1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55F3D1 }
```

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

```
.background{ background-color:#55F3D1 }
```

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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