

# Converting Colors

Hex(55F4F4)

Have a look what the booklet for  
Hex(55F4F4) contains.

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# **Color**

**Hex(55F4F4)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 55F4F4                       |
| RGB         | 85, 244, 244                 |
| RGB Percent | 33%, 96%, 96%                |
| CMY         | 0.6667, 0.0431, 0.0431       |
| CMYK        | 0.65, 0.00, 0.00, 0.04       |
| HSL         | 180°, 88%, 65%               |
| HSV         | 180°, 65%, 96%               |
| XYZ         | 52.4261, 73.1643, 96.9469    |
| YIQ         | 196.4590, -94.7640, -33.7080 |

# Conversions

## Conversions Part 2

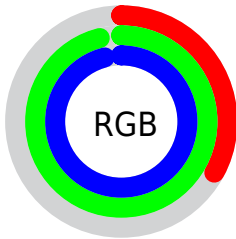
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>R<sub>YB</sub></b>               | 85, 165, 244                   |
| Decimal                             | 5633268                        |
| CIE <sub>Lab</sub>                  | 88.53, -40.49, -12.19          |
| CIE <sub>LCh</sub>                  | 89, 42.286, 196.755            |
| Yxy                                 | 73.1643, 0.2356,<br>0.3288     |
| Android<br>(android.graphics.Color) | 4283823348<br>(0xFF55F4F4)     |
| YUV                                 | 196.4590, 23.4377,<br>-97.7495 |
| Hunter-Lab                          | 85.5361, -40.2835,<br>-7.3242  |

# Details

The Hex color **55F4F4** 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 **F45555**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **99FFFF**, and **00BBBC** is the 20% darker color. If you saturate the color by 10%, you get **3DF4F4**, and if you desaturate by 10%, it is **6DF4F4**.

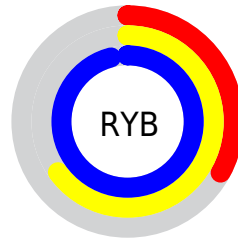
# Distribution



Red (33%)

Green (96%)

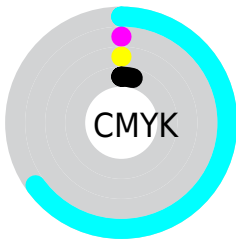
Blue (96%)



Red (33%)

Yellow (65%)

Blue (96%)

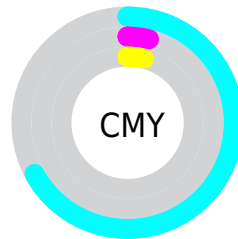


Cyan (65%)

Magenta (0%)

Yellow (0%)

Black (4%)



Cyan (67%)

Magenta (4%)

Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 55F4F4 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 55F4F4 by changing the saturation by 10% instead.



 55F4F4

 55F4F4

FFFFFF

 28D7D8

 99FFFF

 00BBBC

 B8FFFF

 00A0A1

 D8FFFF

 008587

 F7FFFF

 006B6D

 005255

 003A3E

 002528

 000114

 55F4F4

 55F4F4

 3DF4F4

 6DF4F4

 24F4F4

 86F4F4

 0CF4F4

 9EF4F4

 00F4F4

 B7F4F4

 CFF4F4

 E7F4F4

 FFF4F4

# Harmonies

## Analogous

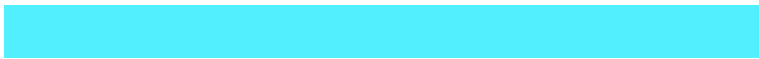
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84F3CA



55F4F4



52F0FF

# Triad

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



55F4F4



FFCCFF



FFD690

# Complementary

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



55F4F4



F45555

# 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.



FFC8A5



55F4F4



FFC1F2

# Square

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



55F4F4



C9DAFF



FFC0C9



E3E390

# Rectangle

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



55F4F4



74EBFF



FFC0C9



FFD195



# Sweetspot

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



55F4F4



CCFFFF



55F455



618080



000000



808080



# Same Dimension

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



55F4F4



38FFFF



55A5F4



6E7A7A



00BABA



003B3B



# Inverse Universe

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



F455F4



FF38FF



F4A555



7A6E7A



BA00BA

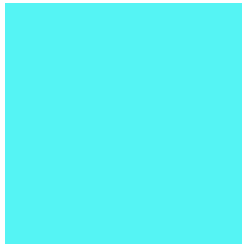


3B003B



# Previews

## White Background



This preview shows how the Hex color 55F4F4 looks on a white background.

## Color Contrast Check

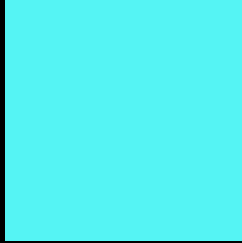
Large Text (above 18pt) WCAG AA × Fail

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 55F4F4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

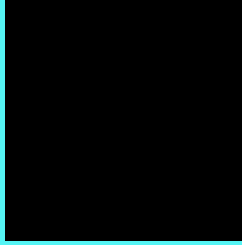
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 55F4F4 Background



This preview shows how black text looks on a background with the Hex color 55F4F4.

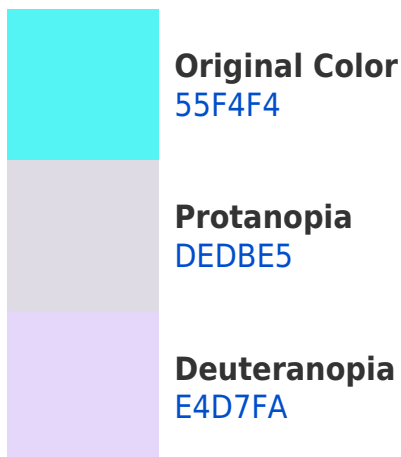


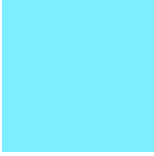
This preview shows how white text looks on a background with the Hex color 55F4F4.

# 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**  
7DEEFF

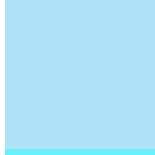
# Trichromacy



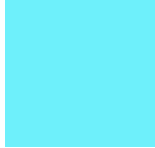
**Original Color**  
55F4F4



**Protanomaly**  
ACE4EA



**Deuteranomaly**  
B0E2F8

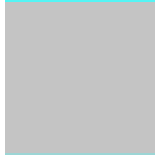


**Tritanomaly**  
6EF0FB

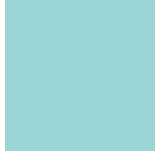
# Monochromacy



**Original Color**  
55F4F4



**Achromatopsia**  
C4C4C4



**Achromatomaly**  
9CD5D5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 55F4F4 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 #55F4F4 looks like.

```
.text, #text, p{  
    color:#55F4F4  
}
```

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 #55F4F4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55F4F4
}
```

## Border

The CSS property to change the border of an element to Hex 55F4F4 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
#55F4F4 }
```

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

```
.border{ border-color:#55F4F4 }
```

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

Here you see how a box with a 4 pixel #55F4F4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55F4F4; -webkit-box-shadow:4px 4px  
4px 4px #55F4F4; box-shadow:4px 4px 4px  
4px #55F4F4 }
```

# Background

The CSS property to change the background color of an element to Hex 55F4F4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55F4F4 }
```

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

```
.background{ background-color:#55F4F4 }
```

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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