

# Converting Colors

Hex(55F4E8)

Have a look what the booklet for  
Hex(55F4E8) contains.

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# Color

**Hex(55F4E8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	55F4E8
RGB	85, 244, 232
RGB Percent	33%, 96%, 91%
CMY	0.6667, 0.0431, 0.0902
CMYK	0.65, 0.00, 0.05, 0.04
HSL	175°, 88%, 65%
HSV	175°, 65%, 96%
XYZ	50.6625, 72.4589, 87.6597
YIQ	195.0910, -90.9120, -37.4400

# Conversions

## Conversions Part 2

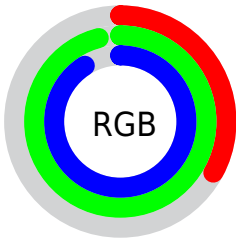
Format	Color
R <sub>Y</sub> B	85, 168, 244
Decimal	5633256
CIE Lab	88.19, -43.69, -6.42
CIE LCh	88, 44.157, 188.359
Yxy	72.4589, 0.2404, 0.3438
Android (android.graphics.Color)	4283823336 (0xFF55F4E8)
YUV	195.0910, 18.1961, -96.5498
Hunter-Lab	85.1228, -42.7271, -1.4711

# Details

The Hex color **55F4E8** 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 **F45561**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **98FFFF**, and **00BBB0** is the 20% darker color. If you saturate the color by 10%, you get **3DF4E6**, and if you desaturate by 10%, it is **6DF4EA**.

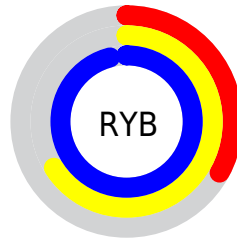
# Distribution



Red (33%)

Green (96%)

Blue (91%)



Red (33%)

Yellow (66%)

Blue (96%)

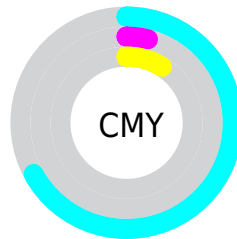


Cyan (65%)

Magenta (0%)

Yellow (5%)

Black (4%)



Cyan (67%)

Magenta (4%)

Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 55F4E8 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 55F4E8 by changing the saturation by 10% instead.



 55F4E8

FFFFFF

 98FFFF

 B7FFFF

 D6FFFF

 F6FFFF

 55F4E8

 29D7CC

 00BBB0

 00A096

 00857C

 006B63

 00524B

 003935

 002420

 000008

 55F4E8

 55F4E8

 3DF4E6

 6DF4EA

 24F4E4

 86F4EC

 0CF4E2

 9EF4EE

 00F4E2

 B7F4EF

 CFF4F1

 E7F4F3

 FFF4F5

 FFF4F7

 FFF4F9

# Harmonies

## Analogous

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



8DF1BD



55F4E8



37F2FF

# Triad

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



55F4E8



F2CEFF



FFD090

# Complementary

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



55F4E8



F45561

# 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.



FFC3AB



55F4E8



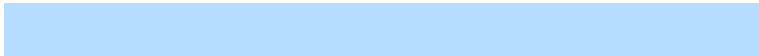
FFC1FD

# Square

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



55F4E8



B4DDFF



FFBDD3



EEDF89

# Rectangle

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



55F4E8



57EDFF



FFBDD3



FFCB97

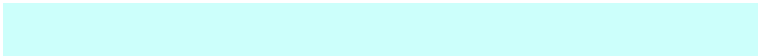


# Sweetspot

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



55F4E8



CCFFFB



62F455



61807D



000000



808080



# Same Dimension

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



55F4E8



38FFF0



55B2F4



6E7A79



00BAAC



003B36



# Inverse Universe

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



F45561



FF3847



F49755



7A6E6F



BA000E

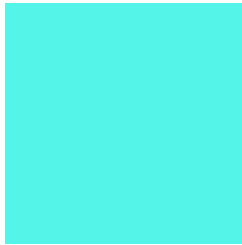


3B0004



# Previews

## White Background



This preview shows how the Hex color 55F4E8 looks on a white background.

## Color Contrast Check

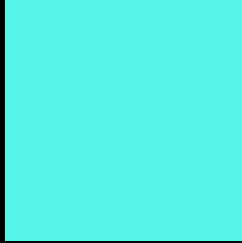
Large Text (above 18pt) WCAG AA × Fail

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 55F4E8 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 55F4E8 Background



This preview shows how black text looks on a background with the Hex color 55F4E8.

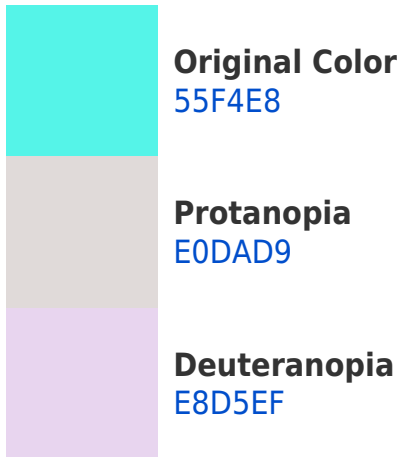


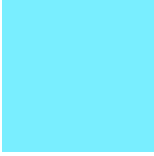
This preview shows how white text looks on a background with the Hex color 55F4E8.

# 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**  
79EEFF

# Trichromacy



**Original Color**  
55F4E8



**Protanomaly**  
ADE3DE



**Deuteranomaly**  
B3E0EC

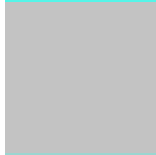


**Tritanomaly**  
6CF0F7

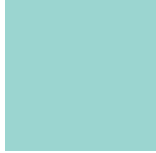
# Monochromacy



**Original Color**  
55F4E8



**Achromatopsia**  
C3C3C3



**Achromatomaly**  
9BD5D0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 55F4E8 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 #55F4E8 looks like.

```
.text, #text, p{  
    color:#55F4E8  
}
```

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 #55F4E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55F4E8
}
```

## Border

The CSS property to change the border of an element to Hex 55F4E8 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
#55F4E8 }
```

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

```
.border{ border-color:#55F4E8 }
```

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

Here you see how a box with a 4 pixel #55F4E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55F4E8; -webkit-box-shadow:4px 4px  
4px 4px #55F4E8; box-shadow:4px 4px 4px  
4px #55F4E8 }
```

# Background

The CSS property to change the background color of an element to Hex 55F4E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55F4E8 }
```

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

```
.background{ background-color:#55F4E8 }
```

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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