

Converting Colors

Hex(55FEE1)

Have a look what the booklet for
Hex(55FEE1) contains.

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Color

Hex(55FEE1)

Conversions

Conversions Part 1

Format	Color
Hex	55FEE1
RGB	85, 254, 225
RGB Percent	33%, 100%, 88%
CMY	0.6667, 0.0039, 0.1176
CMYK	0.67, 0.00, 0.11, 0.00
HSL	170°, 99%, 66%
HSV	170°, 67%, 100%
XYZ	52.7787, 78.2512, 83.5564
YIQ	200.1630, -91.4150, -44.8470

Conversions

Conversions Part 2

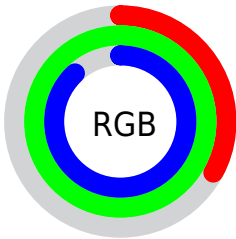
Format	Color
RYB	85, 177, 254
Decimal	5635809
CIELab	90.89, -49.78, 1.19
CIELCh	91, 49.796, 178.626
Yxy	78.2512, 0.2460, 0.3647
Android (android.graphics.Color)	4283825889 (0xFF55FEE1)
YUV	200.1630, 12.2446, -100.9980
Hunter-Lab	88.4597, -48.3039, 5.9182

Details

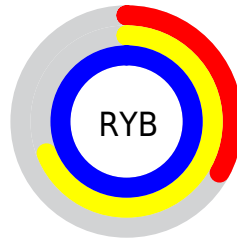
The Hex color **55FEE1** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted cyan. A complement of this color would be **FE5572**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **99FFFF**, and **00C4AA** is the 20% darker color. If you saturate the color by 10%, you get **3CFEDD**, and if you desaturate by 10%, it is **6EFEE5**.

Distribution



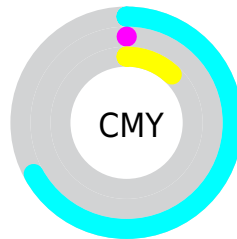
- Red (33%)
- Green (100%)
- Blue (88%)



- Red (33%)
- Yellow (69%)
- Blue (100%)



- Cyan (67%)
- Magenta (0%)
- Yellow (11%)
- Black (0%)



- Cyan (67%)
- Magenta (0%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 55FEE1 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 55FEE1 by changing the saturation by 10% instead.

 55FEE1

 55FEE1

FFFFFF

 28E1C5

 99FFFF

 00C4AA

 B8FFFF

 00A98F

 D8FFFF

 008D76

 F7FFFF

 00735D

 005946

 00412F

 002B1B

 000600

■ 55FEE1

■ 55FEE1

■ 3CFEDD

■ 6EFEE5

■ 22FED8

■ 88FEEA

■ 09FED4

■ A1FEEE

■ 00FED2

■ BBFEF2

■ D4FEF7

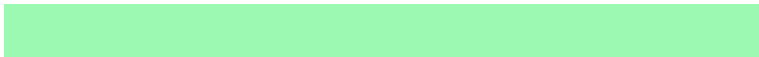
■ EDFEFB

FFFEFF

Harmonies

Analogous

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



9CF9B2



55FEE1



00FDFF

Triad

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



55FEE1



E7D9FF



FFD195

Complementary

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



55FEE1



FE5572

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.



FFC3BA



55FEE1



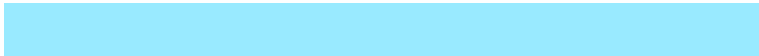
FFC9FF

Square

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



55FEE1



99EAFF



FFBFE9



FFE184

Rectangle

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



55FEE1



00FAFF



FFBFE9



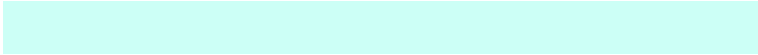
FFCB9F

Sweetspot

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



55FEE1



CCFFF6



74FE55



61807A



000000



808080

Same Dimension

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



55FEE1



33FFDC



55C8FE



73807D



00BF9E



004035

Inverse Universe

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



FE5572



FF3356



FE8B55



807375



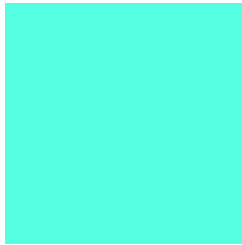
BF0021



40000B

Previews

White Background



This preview shows how the Hex color 55FEE1 looks on a white background.

Color Contrast Check

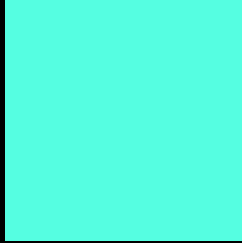
Large Text (above 18pt) WCAG AA × Fail

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 55FEE1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

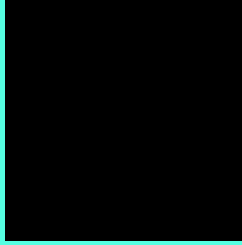
Any Text WCAG AA ✓ Pass

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 55FEE1 Background



This preview shows how black text looks on a background with the Hex color 55FEE1.



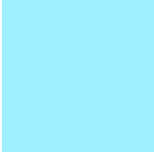
This preview shows how white text looks on a background with the Hex color 55FEE1.

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
9FF1FF

Trichromacy



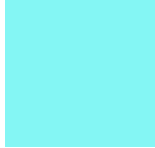
Original Color
55FEE1



Protanomaly
B4ECD7



Deuteranomaly
BBE8E5

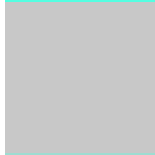


Tritanomaly
84F6F4

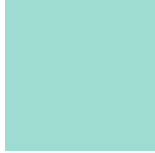
Monochromacy



Original Color
55FEE1



Achromatopsia
C8C8C8



Achromatomaly
9EDCD1

CSS Examples

Text

The CSS property to change the color of the text to Hex 55FEE1 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 #55FEE1 looks like.

```
.text, #text, p{  
    color:#55FEE1  
}
```

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 #55FEE1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55FEE1
}
```

Border

The CSS property to change the border of an element to Hex 55FEE1 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
#55FEE1 }
```

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

```
.border{ border-color:#55FEE1 }
```

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

Here you see how a box with a 4 pixel #55FEE1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55FEE1; -webkit-box-shadow:4px 4px  
4px 4px #55FEE1; box-shadow:4px 4px 4px  
4px #55FEE1 }
```

Background

The CSS property to change the background color of an element to Hex 55FEE1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55FEE1 }
```

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

```
.background{ background-color:#55FEE1 }
```

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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