

Converting Colors

Hex(5EEEEFF)

Have a look what the booklet for
Hex(5EEEFF) contains.

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Color

Hex(5EEEEFF)

Conversions

Conversions Part 1

Format	Color
Hex	5EEEEFF
RGB	94, 238, 255
RGB Percent	37%, 93%, 100%
CMY	0.6314, 0.0667, 0.0000
CMYK	0.63, 0.07, 0.00, 0.00
HSL	186°, 100%, 68%
HSV	186°, 63%, 100%
XYZ	53.2406, 70.7488, 105.4575
YIQ	196.8820, -91.2810, -25.2410

Conversions

Conversions Part 2

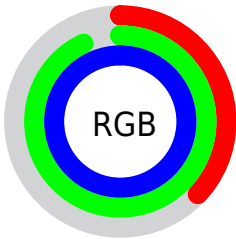
Format	Color
RYB	94, 170, 255
Decimal	6221567
CIELab	87.36, -33.36, -19.67
CIElCh	87, 38.730, 210.520
Yxy	70.7488, 0.2320, 0.3083
Android (android.graphics.Color)	4284411647 (0xFF5EEEFF)
YUV	196.8820, 28.6522, -90.2275
Hunter-Lab	84.1123, -34.2112, -15.4575

Details

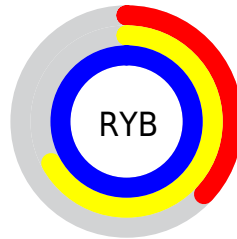
The Hex color **5EEEFF** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **FF6F5E**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **A0FFFF**, and **00B6C6** is the 20% darker color. If you saturate the color by 10%, you get **45EBFF**, and if you desaturate by 10%, it is **78F1FF**.

Distribution



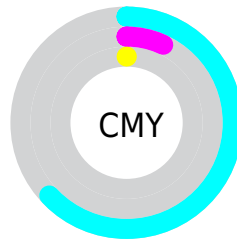
- Red (37%)
- Green (93%)
- Blue (100%)



- Red (37%)
- Yellow (67%)
- Blue (100%)



- Cyan (63%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)



- Cyan (63%)
- Magenta (7%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5EEEFF 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 5EEEFF by changing the saturation by 10% instead.

 5EEEFF

 5EEEFF

FFFFFF

 36D1E2

 A0FFFF

 00B6C6

 BFFFFFF

 009AAB

 DEFFFF

 008090

FDFFFF

 006777

 004E5E

 003646

 002330

 00011B

 5EEEEFF

 5EEEEFF

 45EBFF

 78F1FF

 2BE9FF

 91F3FF

 12E6FF

 ABF6FF

 00E4FF

 C4F9FF

 DEFBFF

 F7FEFF

 FFFFFFFF

Harmonies

Analogous

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



77EFDA



5EEEFF



75E8FF

Triad

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



5EEEEFF



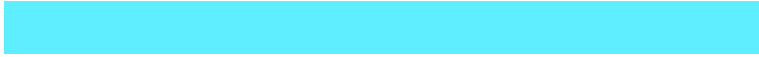
FFC5FF



F4D991

Complementary

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



5EEEEFF



FF6F5E

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.



FFCC9C



5EEEFF



FFBFDC

Square

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



5EEEEFF



E1D1FF



FFC2B7



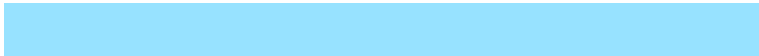
CDE49B

Rectangle

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



5EEEFF



97E2FF



FFC2B7



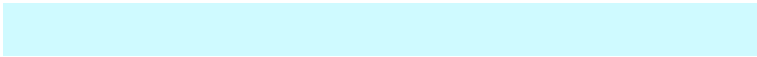
FFD593

Sweetspot

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



5EEEFF



CFFAFF



5EFF6E



627C80



000000



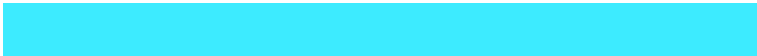
808080

Same Dimension

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



5EEEFF



3DEBFF



5E9EFF



737E80



00ABBF



003940

Inverse Universe

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



FF5EEE



FF3DEB



FFBF5E



80737E



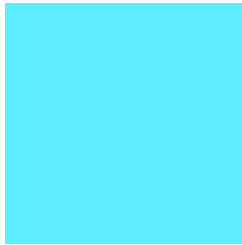
BF00AB



400039

Previews

White Background



This preview shows how the Hex color 5EEEFF looks on a white background.

Color Contrast Check

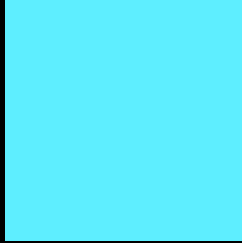
Large Text (above 18pt) WCAG AA × Fail

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 5EEEFF 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 5EEEFF Background



This preview shows how black text looks on a background with the Hex color 5EEEFF.

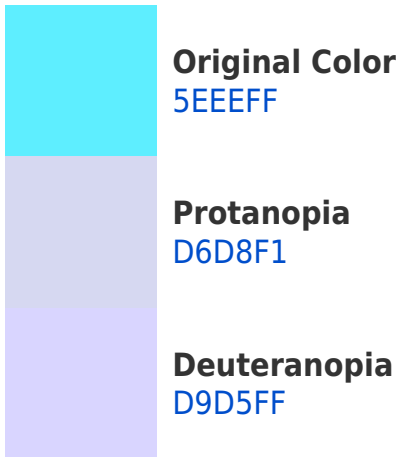


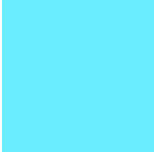
This preview shows how white text looks on a background with the Hex color 5EEEFF.

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



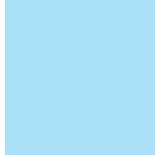


Tritanopia
6AEDFF

Trichromacy



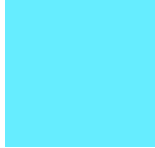
Original Color
5EEEEFF



Protanomaly
AAE0F6



Deuteranomaly
ACDEFF

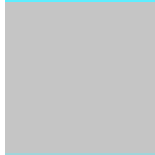


Tritanomaly
66EDFF

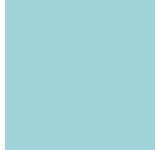
Monochromacy



Original Color
5EEEEFF



Achromatopsia
C5C5C5



Achromatomaly
A0D4DA

CSS Examples

Text

The CSS property to change the color of the text to Hex 5EEEFF 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 #5EEEFF looks like.

```
.text, #text, p{  
    color:#5EEEFF  
}
```

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 #5EEEFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5EEEFF
}
```

Border

The CSS property to change the border of an element to Hex 5EEEFF 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
#5EEEFF }
```

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

```
.border{ border-color:#5EEEFF }
```

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

Here you see how a box with a 4 pixel #5EEEFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5EEEFF; -webkit-box-shadow:4px 4px  
4px 4px #5EEEFF; box-shadow:4px 4px 4px  
4px #5EEEFF }
```

Background

The CSS property to change the background color of an element to Hex 5EEEFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5EEEFF }
```

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

```
.background{ background-color:#5EEEFF }
```

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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