

Converting Colors

Hex(55FFFF)

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

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Color

Hex(55FFFF)

Conversions

Conversions Part 1

Format	Color
Hex	55FFFF
RGB	85, 255, 255
RGB Percent	33%, 100%, 100%
CMY	0.6667, 0.0000, 0.0000
CMYK	0.67, 0.00, 0.00, 0.00
HSL	180°, 100%, 67%
HSV	180°, 67%, 100%
XYZ	57.5563, 80.6713, 107.1453
YIQ	204.1700, -101.3200, -36.0400

Conversions

Conversions Part 2

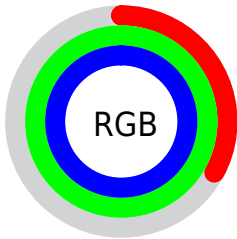
Format	Color
RYB	85, 170, 255
Decimal	5636095
CIELab	91.99, -42.44, -12.75
CIELCh	92, 44.313, 196.720
Yxy	80.6713, 0.2346, 0.3288
Android (android.graphics.Color)	4283826175 (0xFF55FFFF)
YUV	204.1700, 25.0592, -104.5121
Hunter-Lab	89.8172, -42.7944, -7.8566

Details

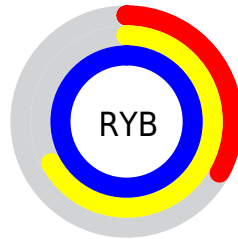
The Hex color **55FFFF** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **FF5555**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **9BFFFF**, and **00C6C6** is the 20% darker color. If you saturate the color by 10%, you get **3BFFFF**, and if you desaturate by 10%, it is **6EFFFF**.

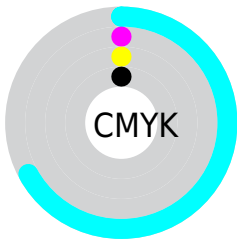
Distribution



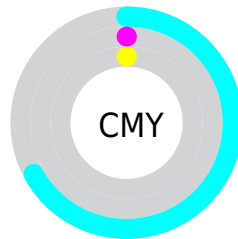
- Red (33%)
- Green (100%)
- Blue (100%)



- Red (33%)
- Yellow (67%)
- Blue (100%)



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



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

Brightness & Saturation Gradients

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

 55FFFF

 55FFFF

FFFFFF

 24E2E2

 9BFFFF

 00C6C6

 BBFFFF

 00AAAB

 DBFFFF

 008F91

 FAFFFF

 007577

 005B5E

 004347

 002C30

 000F1C

 55FFFF

 55FFFF

 3BFFFF

 6EFFFF

 22FFFF

 88FFFF

 08FFFF

 A2FFFF

 00FFFF

 BBFFFF

 D4FFFF

 EEFFFF

FFFFFF

Harmonies

Analogous

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



88FED3



55FFFF



51FBFF

Triad

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



55FFFF



FFD5FF



FFDF95

Complementary

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



55FFFF



FF5555

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.



FFD1AC



55FFFF



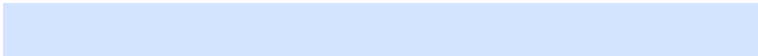
FFC9FD

Square

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



55FFFF



D2E4FF



FFC8D2



EDED95

Rectangle

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



55FFFF



76F5FF



FFC8D2



FFDA9B

Sweetspot

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



55FFFF



CCFFFF



55FF55



618080



000000



808080

Same Dimension

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



55FFFF



33FFFF



55AAFF



738080



00BFBF



004040

Inverse Universe

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



FF55FF



FF33FF



FFAA55



807380



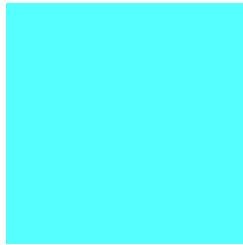
BF00BF



400040

Previews

White Background



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

Color Contrast Check

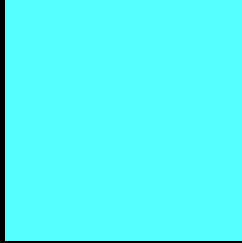
Large Text (above 18pt) WCAG AA × Fail

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 55FFFF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

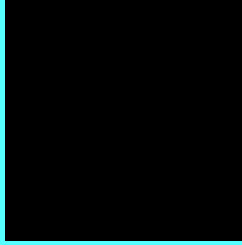
Any Text WCAG AA ✓ Pass

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 55FFFF Background



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

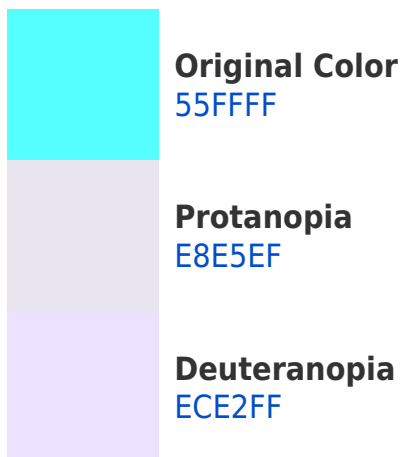


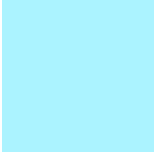
This preview shows how white text looks on a background with the Hex color 55FFFF.

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](#).

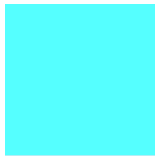
Dichromacy





Tritanopia
ABF3FF

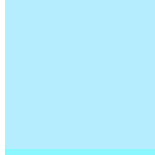
Trichromacy



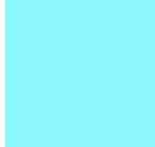
Original Color
55FFFF



Protanomaly
B3EEF5



Deuteranomaly
B5EDFF

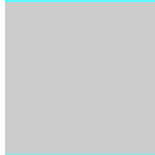


Tritanomaly
8CF7FF

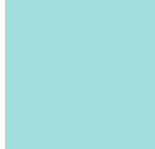
Monochromacy



Original Color
55FFFF



Achromatopsia
CCCCCC



Achromatomaly
A1DFDF

CSS Examples

Text

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

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

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 #55FFFF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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