

# Converting Colors

Hex(5586FF)

Have a look what the booklet for  
Hex(5586FF) contains.

<b>Hex(5586FF)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(5586FF)

# Conversions

## Conversions Part 1

Format	Color
Hex	5586FF
RGB	85, 134, 255
RGB Percent	33%, 53%, 100%
CMY	0.6667, 0.4745, 0.0000
CMYK	0.67, 0.47, 0.00, 0.00
HSL	223°, 100%, 67%
HSV	223°, 67%, 100%
XYZ	30.3214, 26.2015, 98.0670
YIQ	133.1430, -68.0450, 27.2430

# Conversions

## Conversions Part 2

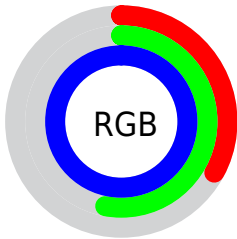
Format	Color
R <sub>Y</sub> B	85, 123, 255
Decimal	5605119
CIE Lab	58.23, 21.70, -65.17
CIE LCh	58, 68.683, 288.415
Yxy	26.2015, 0.1961, 0.1695
Android (android.graphics.Color)	4283795199 (0xFF5586FF)
YUV	133.1430, 60.0755, -42.2214
Hunter-Lab	51.1874, 16.1585, -77.7592

# Details

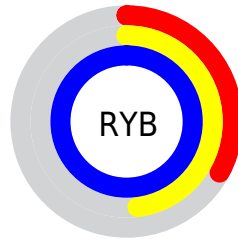
The Hex color **5586FF** is a light color, and the websafe version is hex **6699FF**. The color can be described as light muted azure. A complement of this color would be **FFCE55**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **96BBFF**, and **0055C5** is the 20% darker color. If you saturate the color by 10%, you get **3B74FF**, and if you desaturate by 10%, it is **6E98FF**.

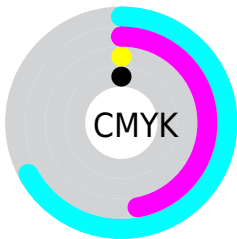
# Distribution



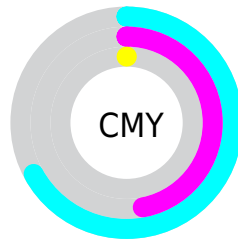
- Red (33%)
- Green (53%)
- Blue (100%)



- Red (33%)
- Yellow (48%)
- Blue (100%)



- Cyan (67%)
- Magenta (47%)
- Yellow (0%)
- Black (0%)



- Cyan (67%)
- Magenta (47%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5586FF 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 5586FF by changing the saturation by 10% instead.



 5586FF

 5586FF

FFFFFF

 2C6DE2

 96BBFF

 0055C5

 B5D6FF

 003FAA

 D4F2FF

 002A8E

 F3FFFF

 001874

 00025B

 000742

 00032B

 000115

■ 5586FF

■ 5586FF

■ 3B74FF

■ 6E98FF

■ 2262FF

■ 88AAFF

■ 0850FF

■ A2BCFF

■ 0049FF

■ BBCFFF

■ D4E1FF

■ EEF3FF

FFFFFF

# Harmonies

## Analogous

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



009AFF



5586FF



BC6ADD

# Triad

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



5586FF



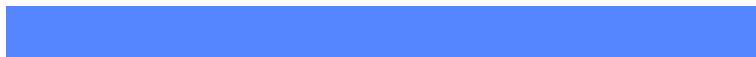
E36632



00A672

# Complementary

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



5586FF



FFCE55

# 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.



36A035



5586FF



BB8100

# Square

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



5586FF



F64F6A



859400



00A7B0

# Rectangle

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



5586FF



E057BA



859400



00A55D



# Sweetspot

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



5586FF



CCDBFF



55FFCC



616A80



000000



808080



# Same Dimension

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



5586FF



336EFF



7755FF



737680



0037BF



001240



# Inverse Universe

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



FF5586



FF336E



DDFF55



807376



BF0037



400012



# Previews

## White Background



This preview shows how the Hex color 5586FF looks on a white background.

## Color Contrast Check

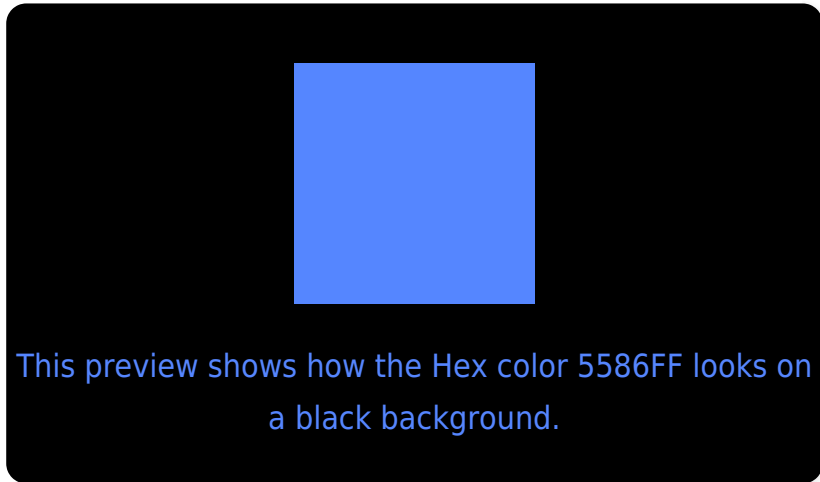
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# 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 × Fail

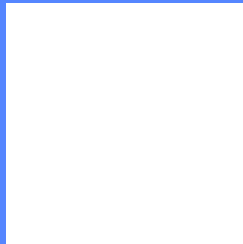
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5586FF Background



This preview shows how black text looks on a background with the Hex color 5586FF.



This preview shows how white text looks on a background with the Hex color 5586FF.

# 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](#).

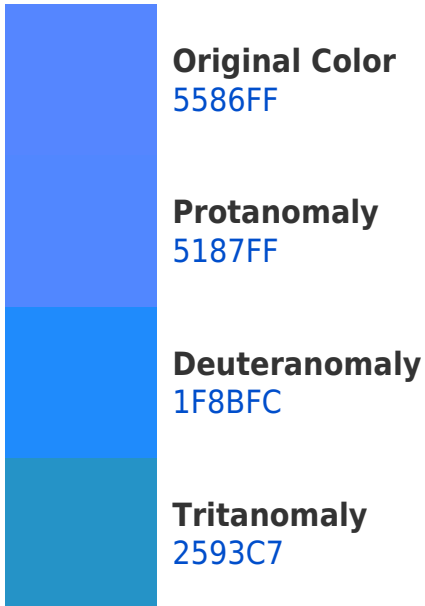
## Dichromacy





**Tritanopia**  
0A9AA7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5586FF 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 #5586FF looks like.

```
.text, #text, p{  
    color:#5586FF  
}
```

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 #5586FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5586FF  
}
```

## Border

The CSS property to change the border of an element to Hex 5586FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

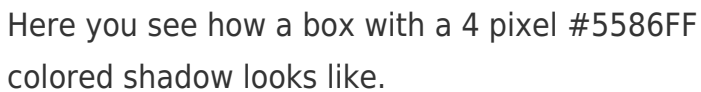
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#5586FF }
```

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

```
.border{ border-color:#5586FF }
```

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



Here you see how a box with a 4 pixel #5586FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5586FF; -webkit-box-shadow:4px 4px  
4px 4px #5586FF; box-shadow:4px 4px 4px  
4px #5586FF }
```

# Background

The CSS property to change the background color of an element to Hex 5586FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5586FF }
```

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

```
.background{ background-color:#5586FF }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor