

# Converting Colors

Hex(557AFF)

Have a look what the booklet for  
Hex(557AFF) contains.

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# **Color**

**Hex(557AFF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	557AFF
RGB	85, 122, 255
RGB Percent	33%, 48%, 100%
CMY	0.6667, 0.5216, 0.0000
CMYK	0.67, 0.52, 0.00, 0.00
HSL	227°, 100%, 67%
HSV	227°, 67%, 100%
XYZ	28.7558, 23.0704, 97.5452
YIQ	126.0990, -64.7450, 33.5190

# Conversions

## Conversions Part 2

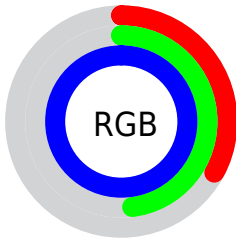
Format	Color
R <sub>Y</sub> B	85, 115, 255
Decimal	5602047
CIE Lab	55.14, 29.00, -70.14
CIE LCh	55, 75.898, 292.464
Yxy	23.0704, 0.1925, 0.1544
Android (android.graphics.Color)	4283792127 (0xFF557AFF)
YUV	126.0990, 63.5482, -36.0438
Hunter-Lab	48.0316, 22.8101, -86.7872

# Details

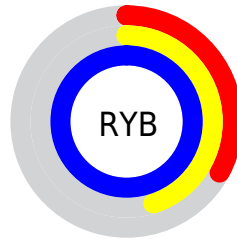
The Hex color **557AFF** is a light color, and the websafe version is hex **3366FF**. The color can be described as light muted azure. A complement of this color would be **FFDA55**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **97AEFF**, and **004AC5** is the 20% darker color. If you saturate the color by 10%, you get **3B66FF**, and if you desaturate by 10%, it is **6E8EFF**.

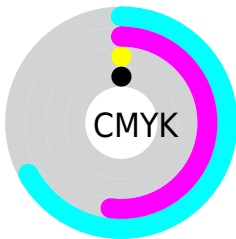
# Distribution



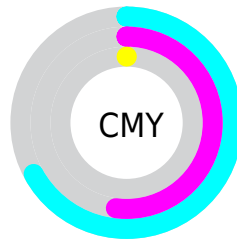
- Red (33%)
- Green (48%)
- Blue (100%)



- Red (33%)
- Yellow (45%)
- Blue (100%)



- Cyan (67%)
- Magenta (52%)
- Yellow (0%)
- Black (0%)



- Cyan (67%)
- Magenta (52%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 557AFF 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 557AFF by changing the saturation by 10% instead.



 557AFF

 557AFF

FFFFFF

 2B61E2

 97AEFF

 004AC5

 B6C9FF

 0034A9

 D5E5FF

 00218E

 F4FFFF

 000F74

 00075A

 000742

 00032B

 000115

■ 557AFF

■ 557AFF

■ 3B66FF

■ 6E8EFF

■ 2252FF

■ 88A2FF

■ 083EFF

■ A2B6FF

■ 0038FF

■ BBCAFF

■ D4DEFF

■ EEF2FF

FFFFFF

# Harmonies

## Analogous

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



0091FF



557AFF



C157D5

# Triad

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



557AFF



DB5D13



00A071

# Complementary

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



557AFF



FFDA55

# 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.



009A2A



557AFF



AD7B00

# Square

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



557AFF



F43B56



708F00



00A1B5

# Rectangle

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



557AFF



E43FAD



708F00



009E5A



# Sweetspot

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



557AFF



CCD7FF



55FFD7



616880



000000



808080



# Same Dimension

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



557AFF



335FFF



8255FF



737680



002ABF



000E40



# Inverse Universe

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



FF557A



FF335F



D2FF55



807376



BF002A



40000E



# Previews

## White Background



This preview shows how the Hex color 557AFF looks on a white background.

## Color Contrast Check

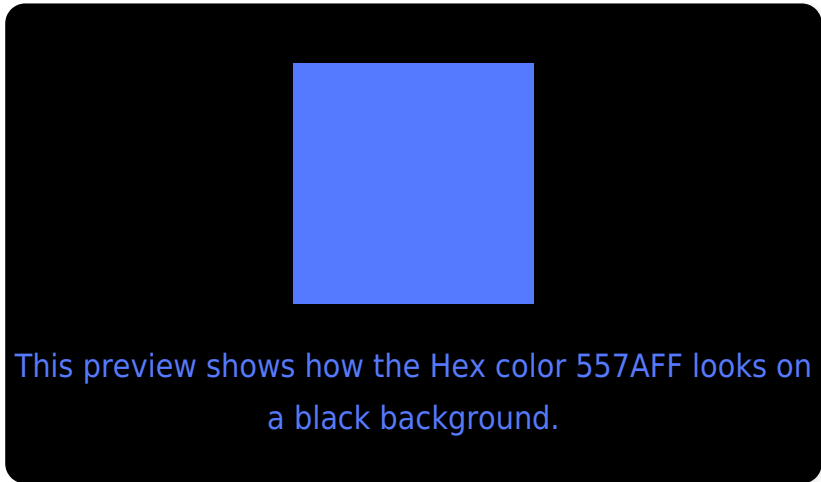
Large Text (above 18pt) WCAG AA ✓ Pass

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

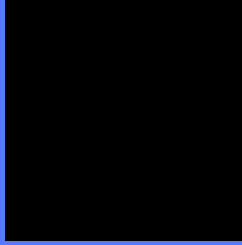
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 557AFF Background



This preview shows how black text looks on a background with the Hex color 557AFF.

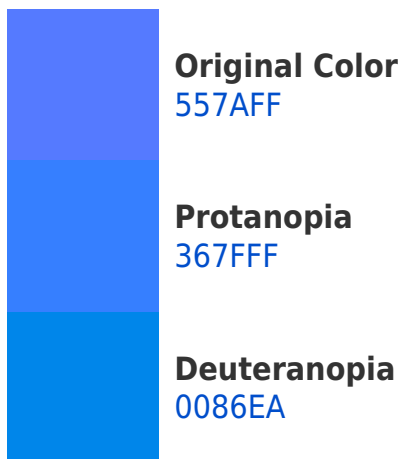


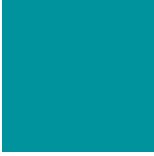
This preview shows how white text looks on a background with the Hex color 557AFF.

# 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](#).

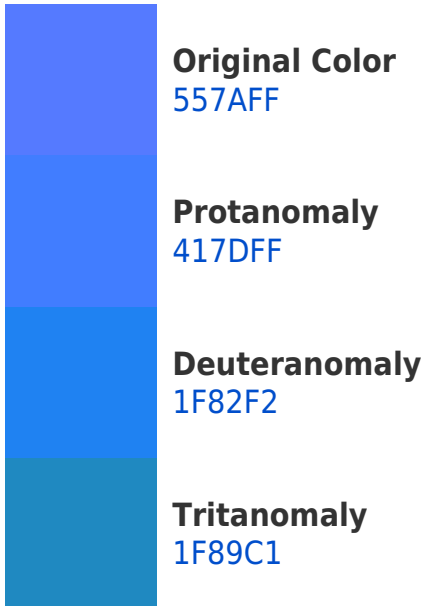
## Dichromacy



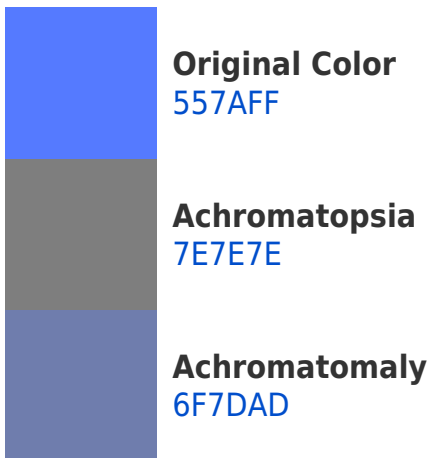


**Tritanopia**  
00929D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 557AFF 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 #557AFF looks like.

```
.text, #text, p{  
    color:#557AFF  
}
```

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 #557AFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #557AFF
}
```

## Border

The CSS property to change the border of an element to Hex 557AFF 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
#557AFF }
```

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

```
.border{ border-color:#557AFF }
```

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

Here you see how a box with a 4 pixel #557AFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #557AFF; -webkit-box-shadow:4px 4px  
4px 4px #557AFF; box-shadow:4px 4px 4px  
4px #557AFF }
```

# Background

The CSS property to change the background color of an element to Hex 557AFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#557AFF }
```

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

```
.background{ background-color:#557AFF }
```

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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