

# Converting Colors

Hex(5F90FF)

Have a look what the booklet for  
Hex(5F90FF) contains.

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# **Color**

**Hex(5F90FF)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | 5F90FF                      |
| RGB         | 95, 144, 255                |
| RGB Percent | 37%, 56%, 100%              |
| CMY         | 0.6275, 0.4353, 0.0000      |
| CMYK        | 0.63, 0.44, 0.00, 0.00      |
| HSL         | 222°, 100%, 69%             |
| HSV         | 222°, 63%, 100%             |
| XYZ         | 32.7426, 29.5994, 98.5953   |
| YIQ         | 142.0030, -64.8350, 24.1330 |

# Conversions

## Conversions Part 2

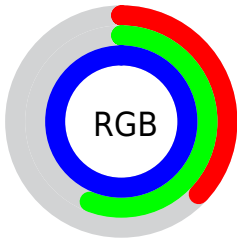
| Format                              | Color                          |
|-------------------------------------|--------------------------------|
| R <sub>Y</sub> B                    | 95, 133, 255                   |
| Decimal                             | 6263039                        |
| CIE Lab                             | 61.31, 17.29, -60.20           |
| CIE LCh                             | 61, 62.636, 286.020            |
| Yxy                                 | 29.5994, 0.2034,<br>0.1839     |
| Android<br>(android.graphics.Color) | 4284453119<br>(0xFF5F90FF)     |
| YUV                                 | 142.0030, 55.7075,<br>-41.2216 |
| Hunter-Lab                          | 54.4053, 12.2167,<br>-69.3637  |

# Details

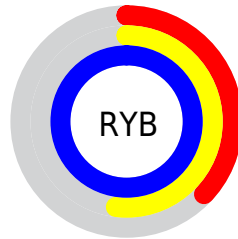
The Hex color **5F90FF** is a light color, and the websafe version is hex **6699FF**. The color can be described as light muted azure. A complement of this color would be **FFCE5F**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **9EC5FF**, and **005EC6** is the 20% darker color. If you saturate the color by 10%, you get **457EFF**, and if you desaturate by 10%, it is **79A2FF**.

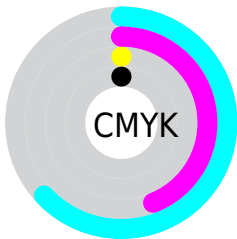
# Distribution



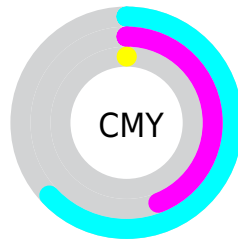
- Red (37%)
- Green (56%)
- Blue (100%)



- Red (37%)
- Yellow (52%)
- Blue (100%)



- Cyan (63%)
- Magenta (44%)
- Yellow (0%)
- Black (0%)



- Cyan (63%)
- Magenta (44%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5F90FF 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 5F90FF by changing the saturation by 10% instead.



 5F90FF

 5F90FF

FFFFFF

 3B77E2

 9EC5FF

 005EC6

 BCE1FF

 0047AA

 DBFEFF

 00328F

 F9FFFF

 001E74

 00055B

 000743

 00032C

 000116

■ 5F90FF

■ 5F90FF

■ 457EFF

■ 79A2FF

■ 2C6DFF

■ 92B3FF

■ 125BFF

■ ACC5FF

■ 004EFF

■ C5D7FF

■ DFE8FF

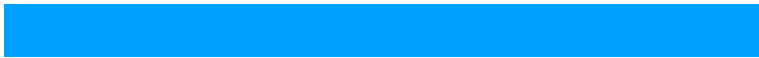
■ F8FAFF

FFFFFF

# Harmonies

## Analogous

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



00A2FF



5F90FF



BC78E2

# Triad

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



5F90FF



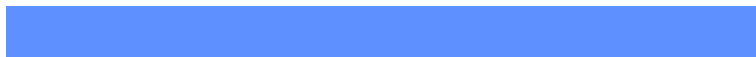
E97146



00AD77

# Complementary

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



5F90FF



FFCE5F

# 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.



52A642



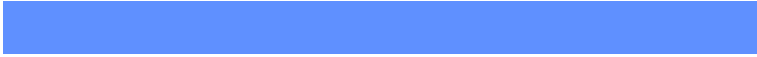
5F90FF



C5881D

# Square

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



5F90FF



F85F79



949A18



00AEB1

# Rectangle

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



5F90FF



DF68C2



949A18



00AB65



# Sweetspot

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



5F90FF



CFDDFF



5FFFCC



626B80



000000



808080



# Same Dimension

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



5F90FF



407AFF



7C5FFF



737780



003BBF



001440



# Inverse Universe

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



FF5F90



FF407A



E2FF5F



807377



BF003B



400014



# Previews

## White Background



This preview shows how the Hex color 5F90FF looks on a white background.

## Color Contrast Check

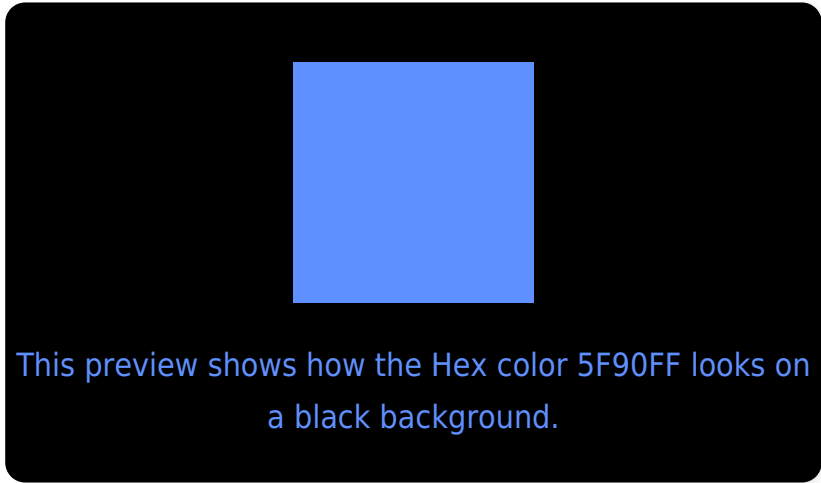
Large Text (above 18pt) WCAG AA ✓ Pass

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

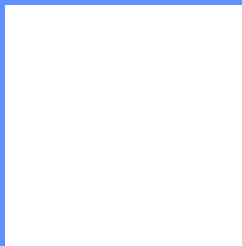
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5F90FF Background



This preview shows how black text looks on a background with the Hex color 5F90FF.

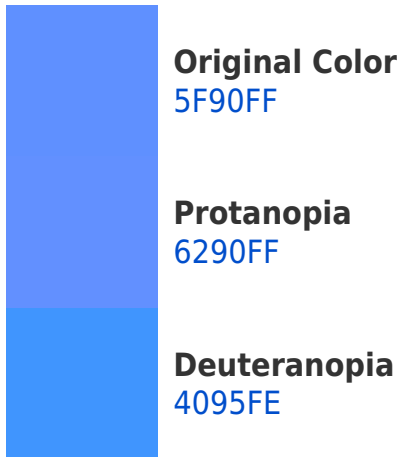


This preview shows how white text looks on a background with the Hex color 5F90FF.

# 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](#).

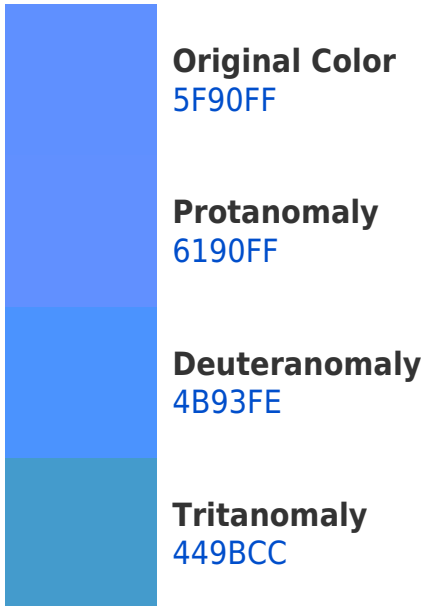
## Dichromacy



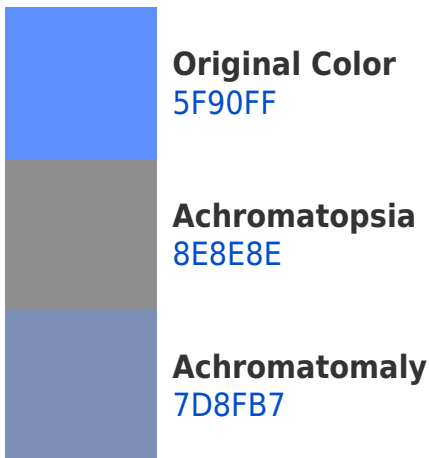


**Tritanopia**  
35A2AF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5F90FF 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 #5F90FF looks like.

```
.text, #text, p{  
    color:#5F90FF  
}
```

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 #5F90FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F90FF
}
```

## Border

The CSS property to change the border of an element to Hex 5F90FF 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
#5F90FF }
```

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

```
.border{ border-color:#5F90FF }
```

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

Here you see how a box with a 4 pixel #5F90FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F90FF; -webkit-box-shadow:4px 4px  
4px 4px #5F90FF; box-shadow:4px 4px 4px  
4px #5F90FF }
```

# Background

The CSS property to change the background color of an element to Hex 5F90FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F90FF }
```

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

```
.background{ background-color:#5F90FF }
```

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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