

# Converting Colors

Hex(6191FF)

Have a look what the booklet for  
Hex(6191FF) contains.

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# **Color**

**Hex(6191FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6191FF
RGB	97, 145, 255
RGB Percent	38%, 57%, 100%
CMY	0.6196, 0.4314, 0.0000
CMYK	0.62, 0.43, 0.00, 0.00
HSL	222°, 100%, 69%
HSV	222°, 62%, 100%
XYZ	33.1052, 30.0122, 98.6558
YIQ	143.1880, -63.9180, 24.0340

# Conversions

## Conversions Part 2

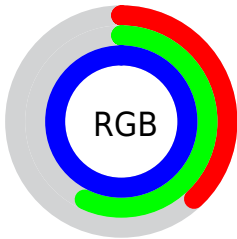
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	97, 134, 255
Decimal	6394367
CIE Lab	61.66, 17.03, -59.63
CIE LCh	62, 62.012, 285.942
Yxy	30.0122, 0.2046, 0.1855
Android (android.graphics.Color)	4284584447 (0xFF6191FF)
YUV	143.1880, 55.1233, -40.5069
Hunter-Lab	54.7834, 11.9952, -68.4232

# Details

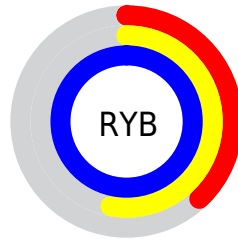
The Hex color **6191FF** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **FFCF61**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **9FC6FF**, and **005FC6** is the 20% darker color. If you saturate the color by 10%, you get **477FFF**, and if you desaturate by 10%, it is **7AA3FF**.

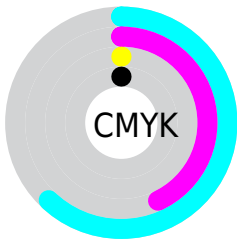
# Distribution



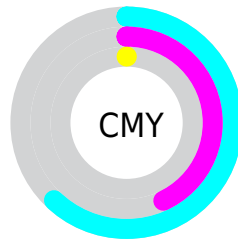
- Red (38%)
- Green (57%)
- Blue (100%)



- Red (38%)
- Yellow (53%)
- Blue (100%)



- Cyan (62%)
- Magenta (43%)
- Yellow (0%)
- Black (0%)



- Cyan (62%)
- Magenta (43%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6191FF 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 6191FF by changing the saturation by 10% instead.



 6191FF

 6191FF

FFFFFF

 3E78E2

 9FC6FF

 005FC6

 BEE2FF

 0048AA

 DCFFFF

 00338F

 FBFFFF

 001F74

 00065B

 000743

 00032C

 000116

■ 6191FF

■ 6191FF

■ 477FFF

■ 7AA3FF

■ 2E6DFF

■ 94B5FF

■ 145CFF

■ AEC6FF

■ 004DFF

■ C7D8FF

■ E1EAFF

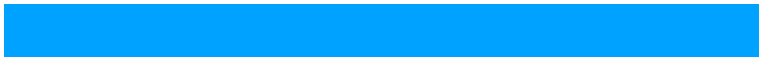
■ FAFCFF

FFFFFF

# Harmonies

## Analogous

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



00A2FF



6191FF



BD79E2

# Triad

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



6191FF



EA7248



00AD78

# Complementary

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



6191FF



FFCF61

# 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.



55A743



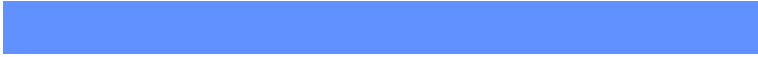
6191FF



C68920

# Square

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



6191FF



F8617A



959B1C



00AFB1

# Rectangle

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



6191FF



E06AC3



959B1C



00AC66



# Sweetspot

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



6191FF



CFDDFF



61FFCD



626B80



000000



808080



# Same Dimension

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



6191FF



427CFF



7E61FF



737780



003ABF



001340



# Inverse Universe

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



FF6191



FF427C



E2FF61



807377



BF003A

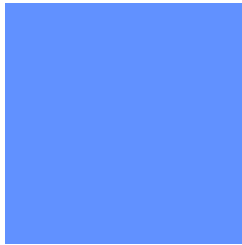


400013



# Previews

## White Background



This preview shows how the Hex color 6191FF looks on a white background.

## Color Contrast Check

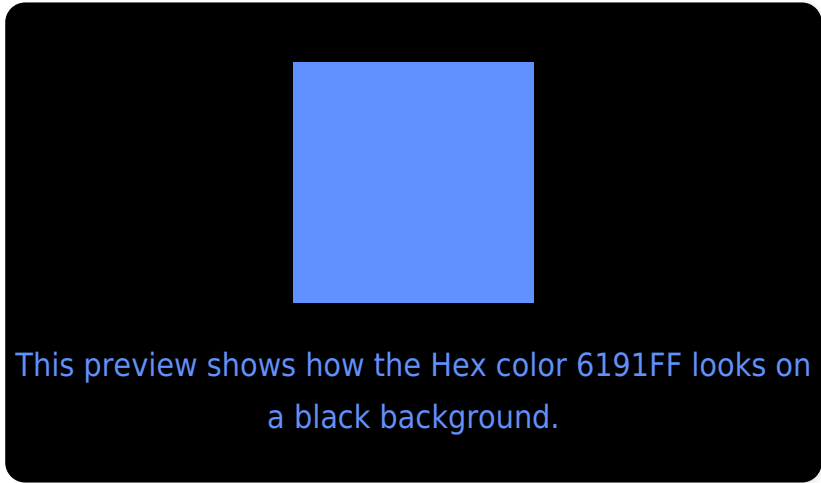
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

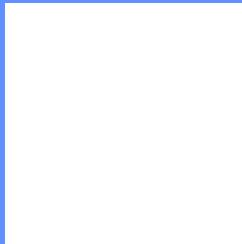
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6191FF Background



This preview shows how black text looks on a background with the Hex color 6191FF.



This preview shows how white text looks on a background with the Hex color 6191FF.

# 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](#).

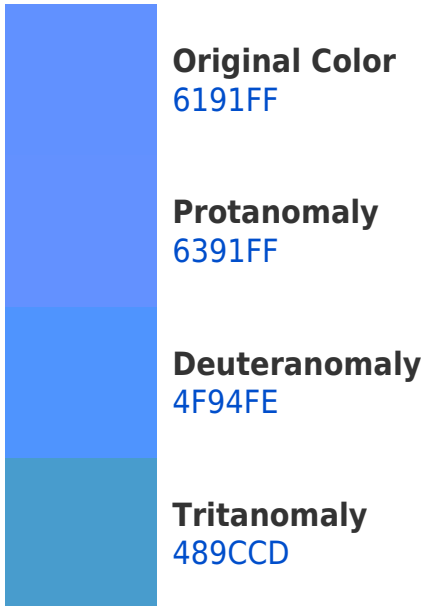
## Dichromacy



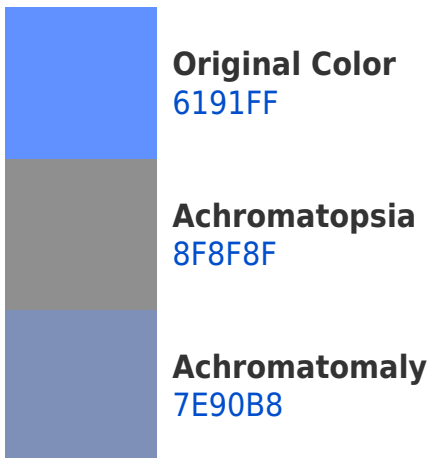


**Tritanopia**  
39A2B0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6191FF 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 #6191FF looks like.

```
.text, #text, p{  
    color:#6191FF  
}
```

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 #6191FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6191FF
}
```

## Border

The CSS property to change the border of an element to Hex 6191FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

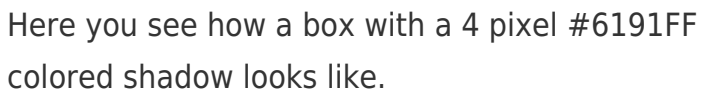
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6191FF }
```

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

```
.border{ border-color:#6191FF }
```

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



Here you see how a box with a 4 pixel #6191FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6191FF; -webkit-box-shadow:4px 4px  
4px 4px #6191FF; box-shadow:4px 4px 4px  
4px #6191FF }
```

# Background

The CSS property to change the background color of an element to Hex 6191FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6191FF }
```

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

```
.background{ background-color:#6191FF }
```

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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