

# Converting Colors

Hex(6293FD)

Have a look what the booklet for  
Hex(6293FD) contains.

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# **Color**

**Hex(6293FD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6293FD
RGB	98, 147, 253
RGB Percent	38%, 58%, 99%
CMY	0.6157, 0.4235, 0.0078
CMYK	0.61, 0.42, 0.00, 0.01
HSL	221°, 97%, 69%
HSV	221°, 61%, 99%
XYZ	33.2003, 30.5560, 97.0765
YIQ	144.4330, -63.2300, 22.5780

# Conversions

## Conversions Part 2

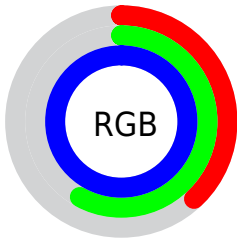
Format	Color
R <sub>Y</sub> B	98, 135, 253
Decimal	6460413
CIE Lab	62.13, 15.36, -57.78
CIE LCh	62, 59.791, 284.886
Yxy	30.5560, 0.2064, 0.1900
Android (android.graphics.Color)	4284650493 (0xFF6293FD)
YUV	144.4330, 53.5235, -40.7217
Hunter-Lab	55.2774, 10.4739, -65.4291

# Details

The Hex color **6293FD** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **FDCC62**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **A0C9FF**, and **0761C4** is the 20% darker color. If you saturate the color by 10%, you get **4982FD**, and if you desaturate by 10%, it is **7BA4FD**.

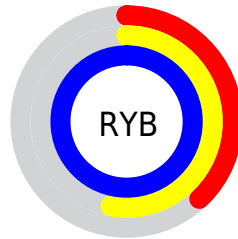
# Distribution



Red (38%)

Green (58%)

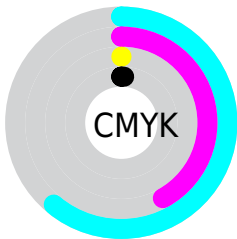
Blue (99%)



Red (38%)

Yellow (53%)

Blue (99%)

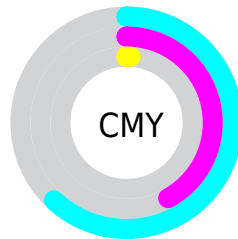


Cyan (61%)

Magenta (42%)

Yellow (0%)

Black (1%)



Cyan (62%)

Magenta (42%)

Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6293FD 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 6293FD by changing the saturation by 10% instead.



 6293FD

 6293FD

FFFFFF

 3F7AE0

 A0C9FF

 0761C4

 BEE4FF

 004AA8

 DDFFFF

 00348D

 FBFFFF

 002073

 00095A

 000741

 00032A

 000114

■ 6293FD

■ 6293FD

■ 4982FD

■ 7BA4FD

■ 2F70FD

■ 95B6FD

■ 165FFD

■ AEC7FD

■ 0050FD

■ C7D8FD

■ E1EAFD

■ FAFBFD

FFFFFD

# Harmonies

## Analogous

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



00A4FC



6293FD



BB7DE2

# Triad

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



6293FD



EA744D



00AE79

# Complementary

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



6293FD



FDCC62

# 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.



5CA846



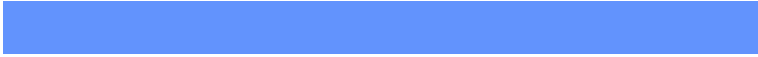
6293FD



C88A29

# Square

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



6293FD



F7657E



999C23



00B0B0

# Rectangle

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



6293FD



DD6EC4



999C23



00AC67



# Sweetspot

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



6293FD



D1E0FF



62FDCC



636C80



000000



808080



# Same Dimension

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



6293FD



427EFF



7E62FD



737780



003CBF



001440



# Inverse Universe

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



FD6293



FF427E



E1FD62



807377



BF003C



400014



# Previews

## White Background



This preview shows how the Hex color 6293FD 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 6293FD looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

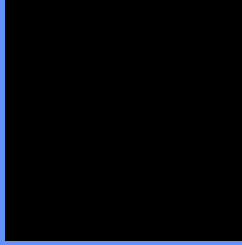
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

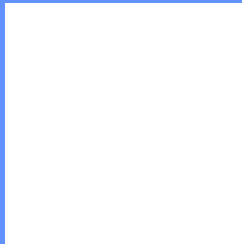
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6293FD Background



This preview shows how black text looks on a background with the Hex color 6293FD.



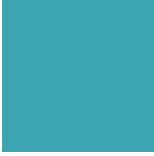
This preview shows how white text looks on a background with the Hex color 6293FD.

# 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](#).

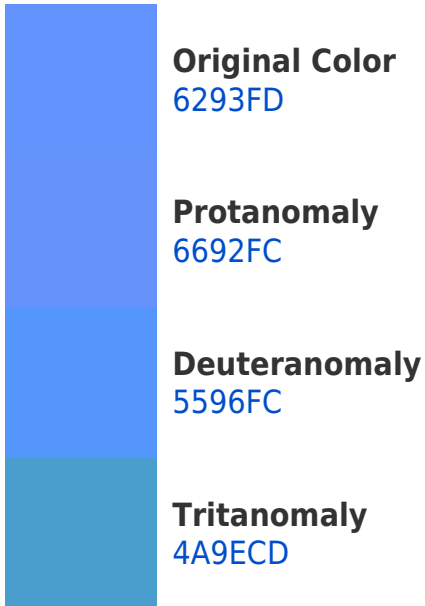
## Dichromacy



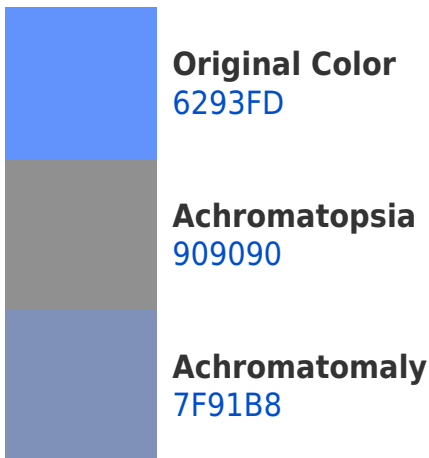


**Tritanopia**  
3DA4B1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6293FD 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 #6293FD looks like.

```
.text, #text, p{  
    color:#6293FD  
}
```

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 #6293FD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6293FD
}
```

## Border

The CSS property to change the border of an element to Hex 6293FD 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
#6293FD }
```

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

```
.border{ border-color:#6293FD }
```

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

Here you see how a box with a 4 pixel #6293FD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6293FD; -webkit-box-shadow:4px 4px  
4px 4px #6293FD; box-shadow:4px 4px 4px  
4px #6293FD }
```

# Background

The CSS property to change the background color of an element to Hex 6293FD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6293FD }
```

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

```
.background{ background-color:#6293FD }
```

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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