

# Converting Colors

Hex(2590FA)

Have a look what the booklet for  
Hex(2590FA) contains.

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# Color

Hex(2590FA)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2590FA
RGB	37, 144, 250
RGB Percent	15%, 56%, 98%
CMY	0.8549, 0.4353, 0.0196
CMYK	0.85, 0.42, 0.00, 0.02
HSL	210°, 96%, 56%
HSV	210°, 85%, 98%
XYZ	27.9915, 27.2420, 94.2254
YIQ	124.0910, -97.7980, 10.2820

# Conversions

## Conversions Part 2

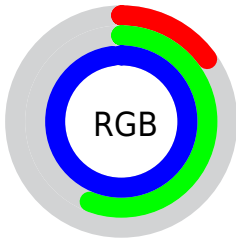
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	37, 108, 250
Decimal	2461946
CIE Lab	59.20, 8.53, -60.94
CIE LCh	59, 61.533, 277.970
Yxy	27.2420, 0.1873, 0.1823
Android (android.graphics.Color)	4280652026 (0xFF2590FA)
YUV	124.0910, 62.0731, -76.3788
Hunter-Lab	52.1938, 4.3903, -70.5004

# Details

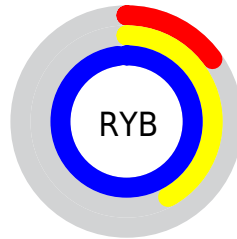
The Hex color `2590FA` is a dark color, and the websafe version is hex `3399FF`. The color can be described as middle washed azure. A complement of this color would be `FA8F25`, and the grayscale version is `7C7C7C`.

A 20% lighter version of the original color is `78C5FF`, and `005FC1` is the 20% darker color. If you saturate the color by 10%, you get `0C84FA`, and if you desaturate by 10%, it is `3E9CFA`.

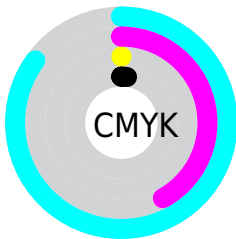
# Distribution



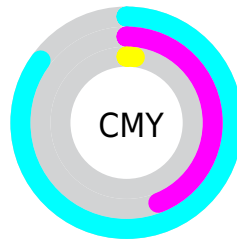
- Red (15%)
- Green (56%)
- Blue (98%)



- Red (15%)
- Yellow (42%)
- Blue (98%)



- Cyan (85%)
- Magenta (42%)
- Yellow (0%)
- Black (2%)



- Cyan (85%)
- Magenta (44%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2590FA 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 2590FA by changing the saturation by 10% instead.



 2590FA

 2590FA

FFFFFF

 0077DD

 78C5FF

 005FC1

 99E1FF

 0048A5

 B9FEFF

 00328A

 D8FFFF


 001F70

 F8FFFF

 000857

 00063F

 000328

 000111

■ 2590FA

■ 2590FA

■ 0C84FA

■ 3E9CFA

■ 007EFA

■ 57A9FA

■ 70B5FA

■ 89C2FA

■ A2CEFA

■ BBDBFA

■ D4E7FA

■ EDF4FA

■ FFFFA

# Harmonies

## Analogous

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



009FF2



2590FA



A37AE4

# Triad

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



2590FA



E8664F



00A564

# Complementary

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



2590FA



FA8F25

# 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.



629E31



2590FA



C97D24

# Square

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



2590FA



F05982



9C910E



00A89C

# Rectangle

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



2590FA



CC69C9



9C910E



21A352

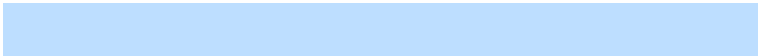


# Sweetspot

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



2590FA



BDDEFF



25FA8C



586C80



000000



808080



# Same Dimension

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



2590FA



0080FF



2529FA



70777D



005FBD



001F3D



# Inverse Universe

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



FA2590



FF0080



FAF625



7D7077



BD005F



3D001F



# Previews

## White Background



This preview shows how the Hex color 2590FA looks on a white background.

## Color Contrast Check

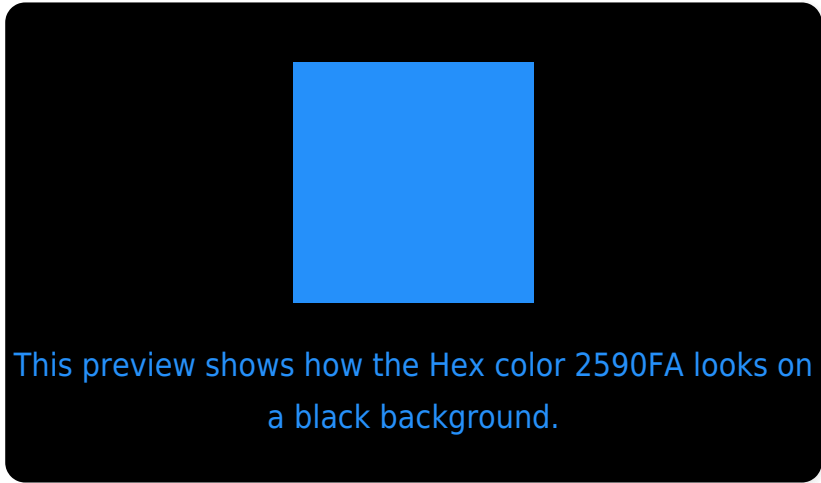
Large Text (above 18pt) WCAG AA ✓ Pass

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

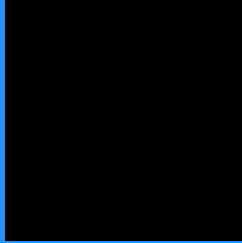
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

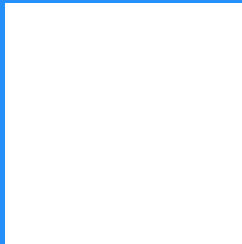
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 2590FA Background



This preview shows how black text looks on a background with the Hex color 2590FA.

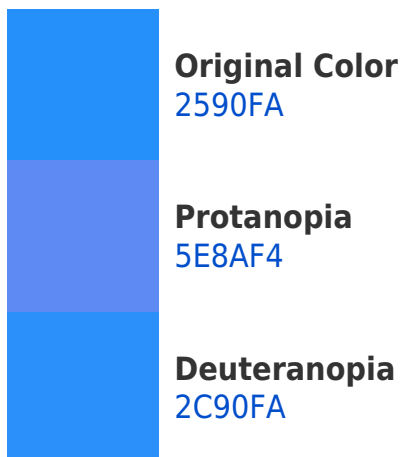


This preview shows how white text looks on a background with the Hex color 2590FA.

# 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](#).

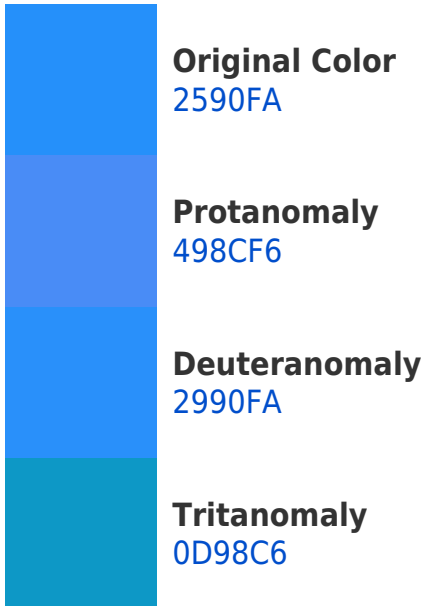
## Dichromacy



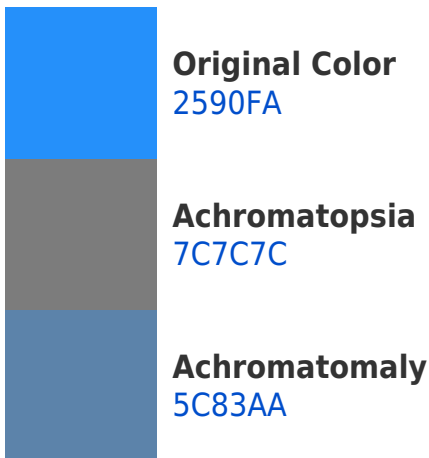


**Tritanopia**  
009DA8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2590FA 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 #2590FA looks like.

```
.text, #text, p{  
    color:#2590FA  
}
```

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 #2590FA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2590FA
}
```

## Border

The CSS property to change the border of an element to Hex 2590FA 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
#2590FA }
```

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

```
.border{ border-color:#2590FA }
```

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

Here you see how a box with a 4 pixel #2590FA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2590FA; -webkit-box-shadow:4px 4px  
4px 4px #2590FA; box-shadow:4px 4px 4px  
4px #2590FA }
```

# Background

The CSS property to change the background color of an element to Hex 2590FA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2590FA }
```

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

```
.background{ background-color:#2590FA }
```

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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