

# Converting Colors

Hex(0191FE)

Have a look what the booklet for  
Hex(0191FE) contains.

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**Color**

**Hex(0191FE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0191FE
RGB	1, 145, 254
RGB Percent	0%, 57%, 100%
CMY	0.9961, 0.4314, 0.0039
CMYK	1.00, 0.43, 0.00, 0.00
HSL	206°, 99%, 50%
HSV	206°, 100%, 100%
XYZ	28.0273, 27.4130, 97.5800
YIQ	114.3700, -120.8130, 3.3710

# Conversions

## Conversions Part 2

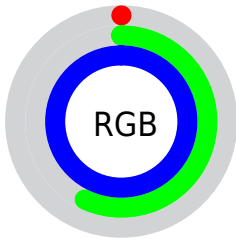
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	1, 93, 254
Decimal	102910
CIE Lab	59.35, 8.00, -62.90
CIE LCh	59, 63.409, 277.244
Yxy	27.4130, 0.1832, 0.1791
Android (android.graphics.Color)	4278292990 (0xFF0191FE)
YUV	114.3700, 68.8376, -99.4255
Hunter-Lab	52.3574, 3.9268, -73.8502

# Details

The Hex color **0191FE** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle saturated azure. A complement of this color would be **FE6E01**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **70C6FF**, and **0060C5** is the 20% darker color. If you saturate the color by 10%, you get **0091FE**, and if you desaturate by 10%, it is **1A9CFE**.

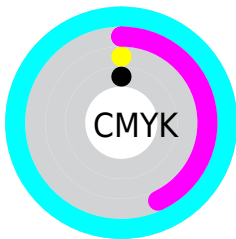
# Distribution



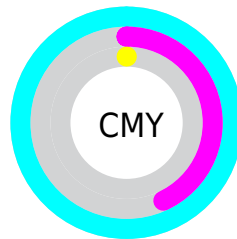
- Red (0%)
- Green (57%)
- Blue (100%)



- Red (0%)
- Yellow (36%)
- Blue (100%)



- Cyan (100%)
- Magenta (43%)
- Yellow (0%)
- Black (0%)




- Cyan (100%)
- Magenta (43%)
- Yellow (0%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 0191FE 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 0191FE by changing the saturation by 10% instead.



 0191FE

 0191FE

FFFFFF

 0078E1

 70C6FF

 0060C5

 92E2FF

 0049A9

 B3FFFF

 00338E

 D2FFFF

 002073

 F2FFFF

 00095A

 000742

 00032B

 000115

■ 0191FE

■ 0191FE

■ 0091FE

■ 1A9CFE

■ 34A7FE

■ 4DB2FE

■ 67BDFE

■ 80C8FE

■ 99D3FE

■ B3DEFE

■ CCE9FE

■ E6F3FE

# Harmonies

## Analogous

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



00A0F6



0191FE



A27AE8

# Triad

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



0191FE



EB654E



00A661

# Complementary

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



0191FE



FE6E01

# 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.



639E2D



0191FE



CC7C20

# Square

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



0191FE



F25784



9E9103



00A99B

# Rectangle

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



0191FE



CD69CC



9E9103



1DA44F

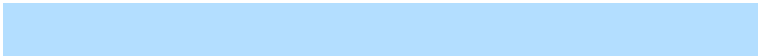


# Sweetspot

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



0191FE



B3DEFF



01FE6A



526C80



000000



808080

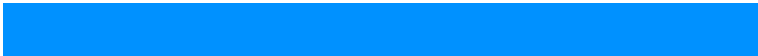


# Same Dimension

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



0191FE



0091FF



0116FE



737A80



006DBF



002440



# Inverse Universe

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



FE0191



FF0091



FEE901



80737A



BF006D



400024



# Previews

## White Background



This preview shows how the Hex color 0191FE looks on a white background.

## Color Contrast Check

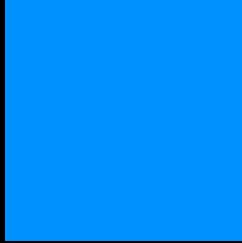
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 0191FE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

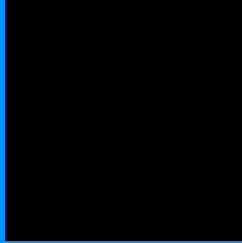
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

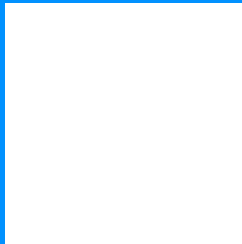
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 0191FE Background



This preview shows how black text looks on a background with the Hex color 0191FE.



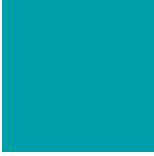
This preview shows how white text looks on a background with the Hex color 0191FE.

# 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](#).

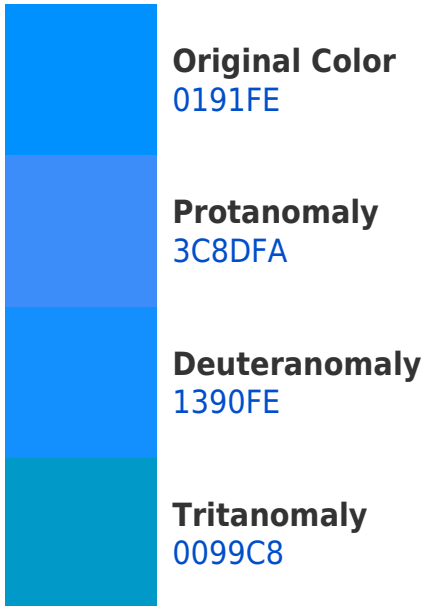
## Dichromacy



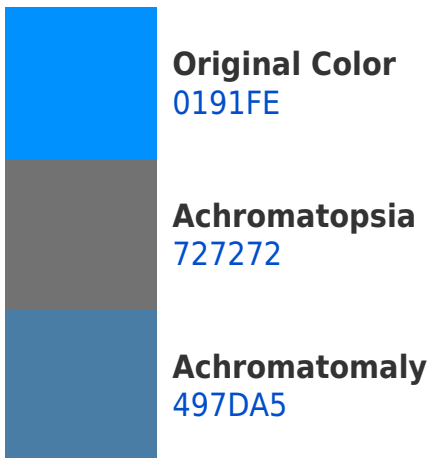


**Tritanopia**  
009EA9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0191FE 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 #0191FE looks like.

```
.text, #text, p{  
    color:#0191FE  
}
```

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 #0191FE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0191FE
}
```

## Border

The CSS property to change the border of an element to Hex 0191FE 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
#0191FE }
```

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

```
.border{ border-color:#0191FE }
```

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

Here you see how a box with a 4 pixel #0191FE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0191FE; -webkit-box-shadow:4px 4px  
4px 4px #0191FE; box-shadow:4px 4px 4px  
4px #0191FE }
```

# Background

The CSS property to change the background color of an element to Hex 0191FE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0191FE }
```

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

```
.background{ background-color:#0191FE }
```

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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