

# Converting Colors

Hex(1991FC)

Have a look what the booklet for  
Hex(1991FC) contains.

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**Color**

**Hex(1991FC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1991FC
RGB	25, 145, 252
RGB Percent	10%, 57%, 99%
CMY	0.9020, 0.4314, 0.0118
CMYK	0.90, 0.42, 0.00, 0.01
HSL	208°, 97%, 54%
HSV	208°, 90%, 99%
XYZ	28.0970, 27.4857, 95.9199
YIQ	121.3180, -105.8670, 7.8370

# Conversions

## Conversions Part 2

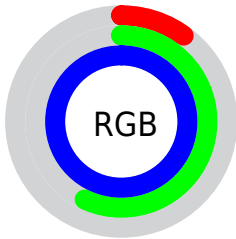
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	25, 104, 252
Decimal	1675772
CIE Lab	59.42, 7.98, -61.69
CIE LCh	59, 62.203, 277.375
Yxy	27.4857, 0.1855, 0.1814
Android (android.graphics.Color)	4279865852 (0xFF1991FC)
YUV	121.3180, 64.4262, -84.4709
Hunter-Lab	52.4268, 3.9161, -71.7779

# Details

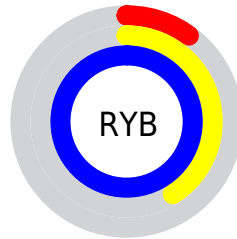
The Hex color **1991FC** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle washed azure. A complement of this color would be **FC8419**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **74C6FF**, and **005FC3** is the 20% darker color. If you saturate the color by 10%, you get **0085FC**, and if you desaturate by 10%, it is **329DFC**.

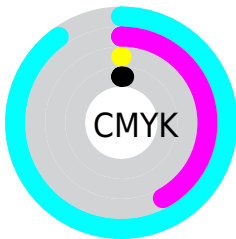
# Distribution



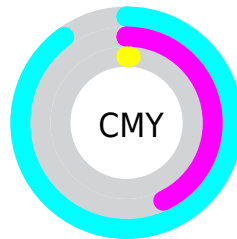
- Red (10%)
- Green (57%)
- Blue (99%)



- Red (10%)
- Yellow (41%)
- Blue (99%)



- Cyan (90%)
- Magenta (42%)
- Yellow (0%)
- Black (1%)



- Cyan (90%)
- Magenta (43%)
- Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1991FC 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 1991FC by changing the saturation by 10% instead.



 1991FC

 1991FC

FFFFFF

 0078DF

 74C6FF

 005FC3

 96E2FF

 0049A7

 B6FFFF

 00338C

 D5FFFF


 002072

 F5FFFF

 000959

 000740

 000329

 000113

■ 1991FC

■ 1991FC

■ 0085FC

■ 329DFC

■ 4BA9FC

■ 65B5FC

■ 7EC1FC

■ 97CCFC

■ B0D8FC

■ C9E4FC

■ E3F0FC

■ FCFCFC

# Harmonies

## Analogous

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



00A0F4



1991FC



A27AE7

# Triad

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



1991FC



E96650



00A663

# Complementary

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



1991FC



FC8419

# 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.



649E30



1991FC



CB7D23

# Square

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



1991FC



F15984



9E910B



00A99B

# Rectangle

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



1991FC



CC6ACB



9E910B



22A451

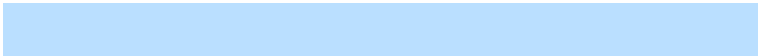


# Sweetspot

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



1991FC



BADFFF



19FC83



576C80



000000



808080

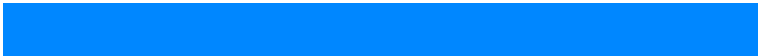


# Same Dimension

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



1991FC



0087FF



1921FC



70777D



0064BD



00203D



# Inverse Universe

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



FC1991



FF0087



FCF419



7D7077



BD0064



3D0020



# Previews

## White Background



This preview shows how the Hex color 1991FC looks on a white background.

## Color Contrast Check

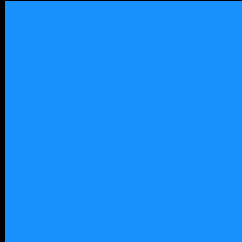
Large Text (above 18pt) WCAG AA ✓ Pass

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 1991FC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

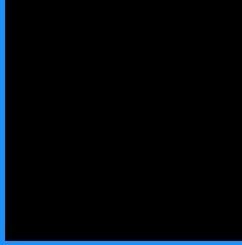
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

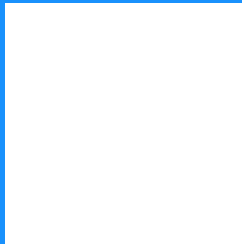
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 1991FC Background



This preview shows how black text looks on a background with the Hex color 1991FC.

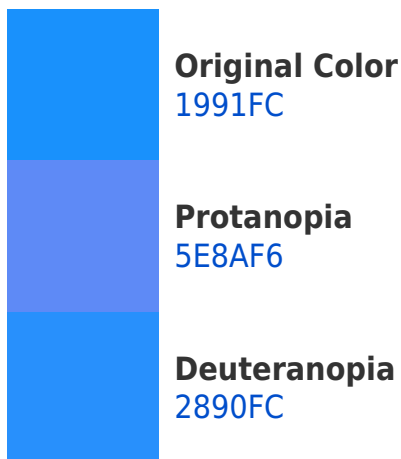


This preview shows how white text looks on a background with the Hex color 1991FC.

# 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](#).

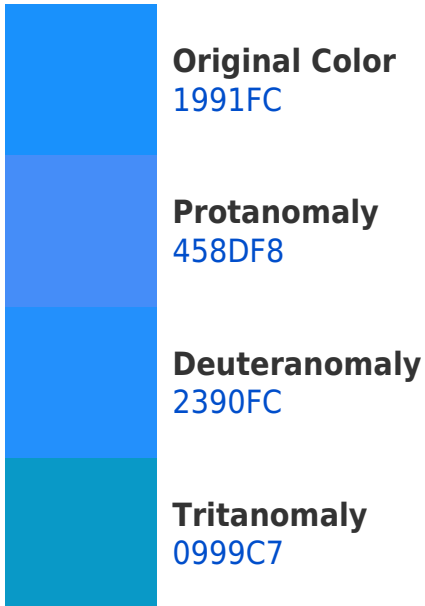
## Dichromacy



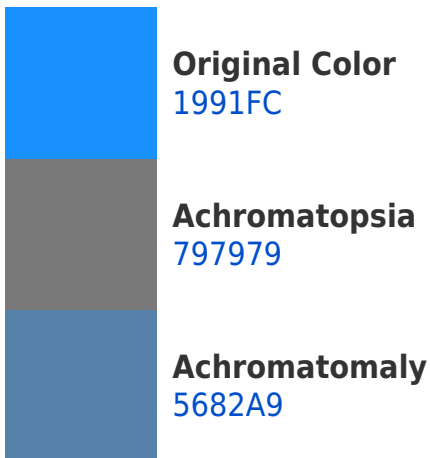


**Tritanopia**  
009EA9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1991FC 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 #1991FC looks like.

```
.text, #text, p{  
    color:#1991FC  
}
```

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 #1991FC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1991FC
}
```

## Border

The CSS property to change the border of an element to Hex 1991FC is called "border". The border property can be set on classes, ids or directly on the HTML element.

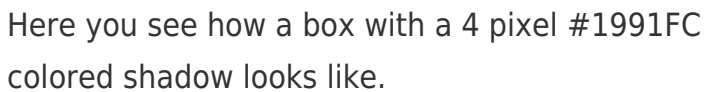
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1991FC }
```

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

```
.border{ border-color:#1991FC }
```

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



Here you see how a box with a 4 pixel `#1991FC` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1991FC; -webkit-box-shadow:4px 4px  
4px 4px #1991FC; box-shadow:4px 4px 4px  
4px #1991FC }
```

# Background

The CSS property to change the background color of an element to Hex 1991FC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1991FC }
```

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

```
.background{ background-color:#1991FC }
```

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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