

# Converting Colors

Hex(1997FF)

Have a look what the booklet for  
Hex(1997FF) contains.

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# Color

Hex(1997FF)

# Conversions

## Conversions Part 1

Format	Color
Hex	1997FF
RGB	25, 151, 255
RGB Percent	10%, 59%, 100%
CMY	0.9020, 0.4078, 0.0000
CMYK	0.90, 0.41, 0.00, 0.00
HSL	207°, 100%, 55%
HSV	207°, 90%, 100%
XYZ	29.5175, 29.5599, 98.7576
YIQ	125.1820, -108.4800, 5.6320

# Conversions

## Conversions Part 2

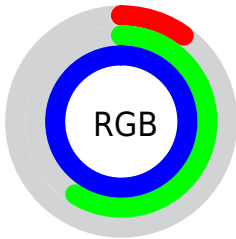
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	25, 106, 255
Decimal	1677311
CIE Lab	61.27, 5.53, -60.37
CIE LCh	61, 60.621, 275.230
Yxy	29.5599, 0.1870, 0.1873
Android (android.graphics.Color)	4279867391 (0xFF1997FF)
YUV	125.1820, 64.0003, -87.8596
Hunter-Lab	54.3690, 1.7638, -69.6380

# Details

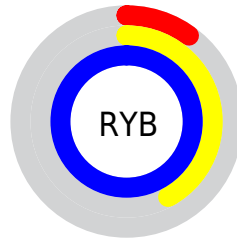
The Hex color **1997FF** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle washed azure. A complement of this color would be **FF8119**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **75CDFF**, and **0065C6** is the 20% darker color. If you saturate the color by 10%, you get **008CFF**, and if you desaturate by 10%, it is **32A3FF**.

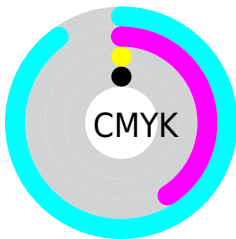
# Distribution



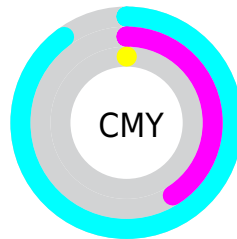
- Red (10%)
- Green (59%)
- Blue (100%)



- Red (10%)
- Yellow (42%)
- Blue (100%)



- Cyan (90%)
- Magenta (41%)
- Yellow (0%)
- Black (0%)



- Cyan (90%)
- Magenta (41%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1997FF 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 1997FF by changing the saturation by 10% instead.



 1997FF

 1997FF

FFFFFF

 007DE2

 75CDFF

 0065C6

 96E9FF

 004EAA

 B7FFFF

 00388F

 D6FFFF

 002475

 F6FFFF

 000D5B

 000743

 00032C

 000116

 1997FF

 1997FF

 008CFF

 32A3FF

 4CAEFF

 65BAFF

 7FC5FF

 98D1FF

 B2DCFF

 CBE8FF

 E5F3FF

FEFFFF

# Harmonies

## Analogous

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



00A5F5



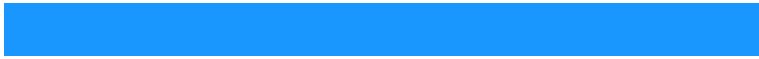
1997FF



A282EC

# Triad

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



1997FF



EF6B59



00AA65

# Complementary

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



1997FF



FF8119

# 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.



6FA235



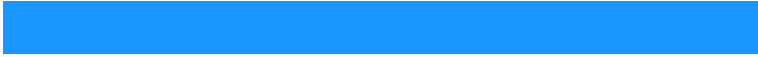
1997FF



D3812F

# Square

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



1997FF



F4608D



A7941A



00AD9C

# Rectangle

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



1997FF



CD72D2



A7941A



39A853

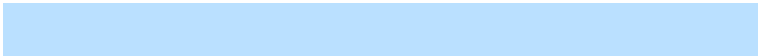


# Sweetspot

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



1997FF



BAE0FF



19FF81



576D80



000000



808080



# Same Dimension

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



1997FF



008CFF



1924FF



737A80



0069BF



002340



# Inverse Universe

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



FF1997



FF008C



FFF319



80737A



BF0069



400023



# Previews

## White Background



This preview shows how the Hex color 1997FF looks on a white background.

## Color Contrast Check

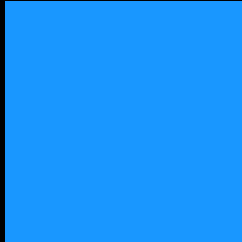
Large Text (above 18pt) WCAG AA ✓ Pass

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 1997FF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

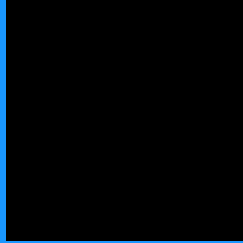
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

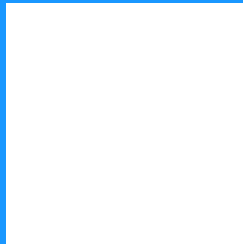
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 1997FF Background



This preview shows how black text looks on a background with the Hex color 1997FF.



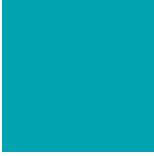
This preview shows how white text looks on a background with the Hex color 1997FF.

# 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](#).

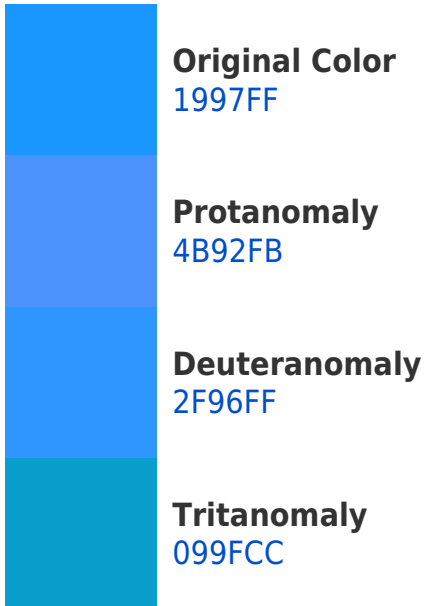
## Dichromacy



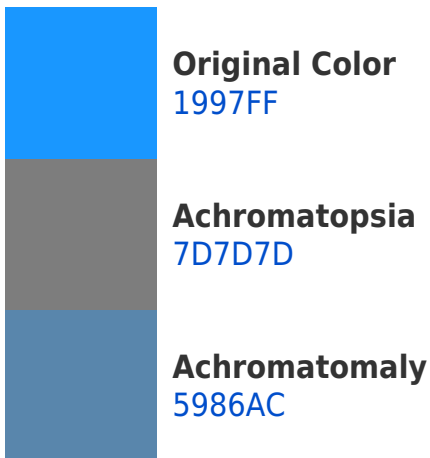


**Tritanopia**  
00A3AF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1997FF 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 #1997FF looks like.

```
.text, #text, p{  
    color:#1997FF  
}
```

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 #1997FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1997FF
}
```

## Border

The CSS property to change the border of an element to Hex 1997FF 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
#1997FF }
```

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

```
.border{ border-color:#1997FF }
```

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

Here you see how a box with a 4 pixel #1997FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1997FF; -webkit-box-shadow:4px 4px  
4px 4px #1997FF; box-shadow:4px 4px 4px  
4px #1997FF }
```

# Background

The CSS property to change the background color of an element to Hex 1997FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1997FF }
```

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

```
.background{ background-color:#1997FF }
```

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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