

# Converting Colors

Hex(1297F7)

Have a look what the booklet for  
Hex(1297F7) contains.

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**Color**

**Hex(1297F7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1297F7
RGB	18, 151, 247
RGB Percent	7%, 59%, 97%
CMY	0.9294, 0.4078, 0.0314
CMYK	0.93, 0.39, 0.00, 0.03
HSL	205°, 93%, 52%
HSV	205°, 93%, 97%
XYZ	28.1046, 28.9772, 92.1076
YIQ	122.1770, -110.0840, 1.6600

# Conversions

## Conversions Part 2

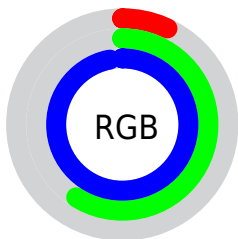
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	18, 102, 247
Decimal	1218551
CIE Lab	60.76, 2.24, -56.80
CIE LCh	61, 56.848, 272.256
Yxy	28.9772, 0.1884, 0.1942
Android (android.graphics.Color)	4279408631 (0xFF1297F7)
YUV	122.1770, 61.5377, -91.3632
Hunter-Lab	53.8305, -1.0096, -63.7678

# Details

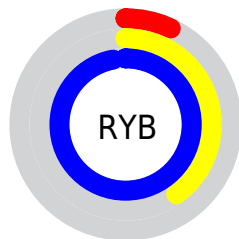
The Hex color **1297F7** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle washed azure. A complement of this color would be **F77212**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **71CDFF**, and **0065BE** is the 20% darker color. If you saturate the color by 10%, you get **008FF7**, and if you desaturate by 10%, it is **2BA1F7**.

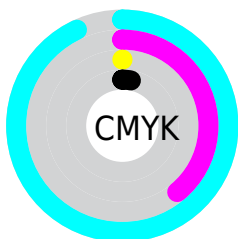
# Distribution



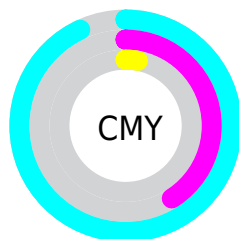
- Red (7%)
- Green (59%)
- Blue (97%)



- Red (7%)
- Yellow (40%)
- Blue (97%)



- Cyan (93%)
- Magenta (39%)
- Yellow (0%)
- Black (3%)



- Cyan (93%)
- Magenta (41%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1297F7 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 1297F7 by changing the saturation by 10% instead.



 1297F7

 1297F7

FFFFFF

 007DDA

 71CDFF

 0065BE

 93E9FF

 004DA2

 B3FFFF

 003888

 D2FFFF


 00236E

 F2FFFF

 000C55

 00063D

 000326

 00010F

■ 1297F7

■ 1297F7

■ 008FF7

■ 2BA1F7

■ 43ACF7

■ 5CB6F7

■ 75C0F7

■ 8ECBF7

■ A6D5F7

■ BFDFF7

■ D8EAF7

■ F0F4F7

# Harmonies

## Analogous

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



00A4EB



1297F7



9984E8

# Triad

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



1297F7



EA6C60



25A762

# Complementary

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



1297F7



F77212

# 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.



769F37



1297F7



D27F38

# Square

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



1297F7



EC6491



AA9124



00AB95

# Rectangle

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



1297F7



C375D1



AA9124



49A552

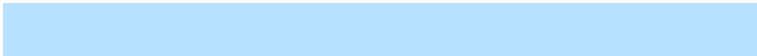


# Sweetspot

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



1297F7



B8E1FF



12F771



546D80



000000



808080



# Same Dimension

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



1297F7



0094FF



1225F7



6E757A



006CBA



00223B



# Inverse Universe

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



F71297



FF0094



F7E412



7A6E75



BA006C

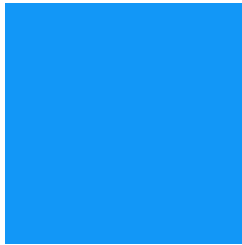


3B0022



# Previews

## White Background



This preview shows how the Hex color 1297F7 looks on a white background.

## Color Contrast Check

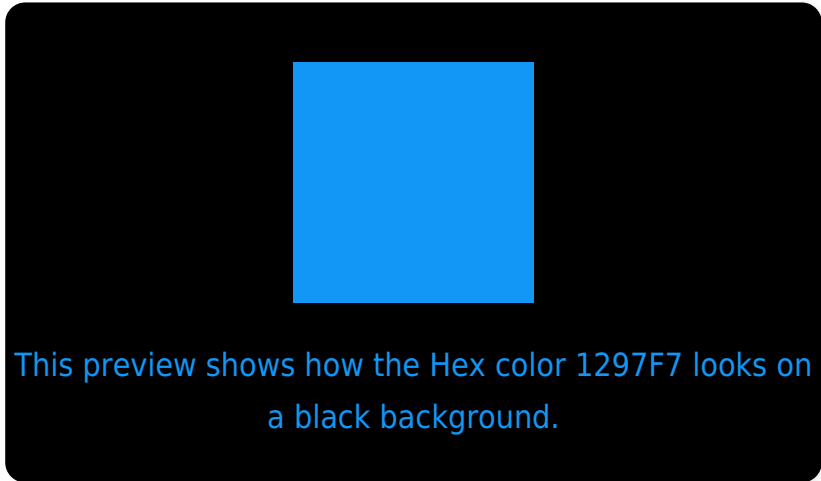
Large Text (above 18pt) WCAG AA ✓ Pass

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

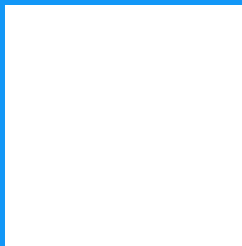
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 1297F7 Background



This preview shows how black text looks on a background with the Hex color 1297F7.



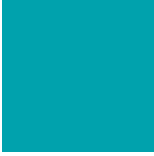
This preview shows how white text looks on a background with the Hex color 1297F7.

# 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](#).

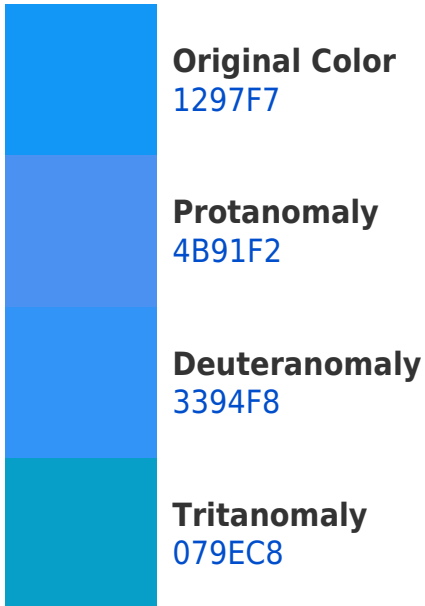
## Dichromacy



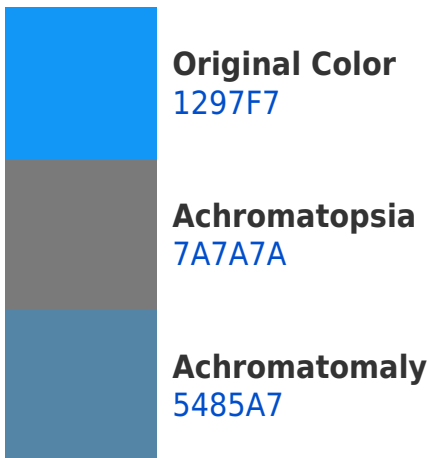


**Tritanopia**  
00A2AD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1297F7 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 #1297F7 looks like.

```
.text, #text, p{  
    color:#1297F7  
}
```

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 #1297F7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1297F7
}
```

## Border

The CSS property to change the border of an element to Hex 1297F7 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
#1297F7 }
```

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

```
.border{ border-color:#1297F7 }
```

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

Here you see how a box with a 4 pixel #1297F7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1297F7; -webkit-box-shadow:4px 4px  
4px 4px #1297F7; box-shadow:4px 4px 4px  
4px #1297F7 }
```

# Background

The CSS property to change the background color of an element to Hex 1297F7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1297F7 }
```

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

```
.background{ background-color:#1297F7 }
```

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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