

# Converting Colors

Hex(617AFE)

Have a look what the booklet for  
Hex(617AFE) contains.

<b>Hex(617AFE)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	28

# **Color**

**Hex(617AFE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	617AFE
RGB	97, 122, 254
RGB Percent	38%, 48%, 100%
CMY	0.6196, 0.5216, 0.0039
CMYK	0.62, 0.52, 0.00, 0.00
HSL	230°, 99%, 69%
HSV	230°, 62%, 100%
XYZ	29.7787, 23.6162, 96.7548
YIQ	129.5730, -57.2720, 35.7520

# Conversions

## Conversions Part 2

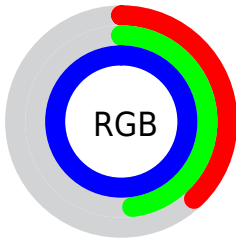
Format	Color
R <sub>YB</sub>	97, 119, 254
Decimal	6388478
CIE <sub>Lab</sub>	55.70, 30.54, -68.66
CIE <sub>LCh</sub>	56, 75.141, 293.977
Yxy	23.6162, 0.1983, 0.1573
Android (android.graphics.Color)	4284578558 (0xFF617AFE)
YUV	129.5730, 61.3425, -28.5665
Hunter-Lab	48.5965, 24.3363, -84.0278

# Details

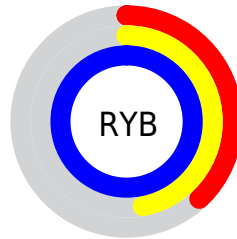
The Hex color **617AFE** is a light color, and the websafe version is hex **3366FF**. A complement of this color would be **FEE561**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **A0AEFF**, and **004AC4** is the 20% darker color. If you saturate the color by 10%, you get **4865FE**, and if you desaturate by 10%, it is **7A8FFE**.

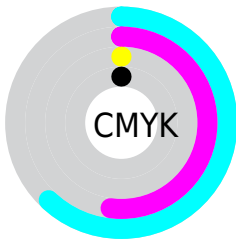
# Distribution



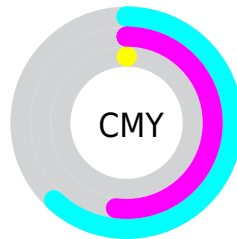
- Red (38%)
- Green (48%)
- Blue (100%)



- Red (38%)
- Yellow (47%)
- Blue (100%)



- Cyan (62%)
- Magenta (52%)
- Yellow (0%)
- Black (0%)



- Cyan (62%)
- Magenta (52%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 617AFE 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 617AFE by changing the saturation by 10% instead.



 617AFE

 617AFE

FFFFFF

 3D61E1

 A0AEFF

 004AC4

 BFC9FF

 0034A8

 DDE5FF

 00208D

 FCFFFF

 000E73

 000459

 000741

 00032A

 000114

■ 617AFE

■ 617AFE

■ 4865FE

■ 7A8FFE

■ 2E4FFE

■ 94A5FE

■ 153AFE

■ ADBAFE

■ 0028FE

■ C7CFFE

■ E0E5FE

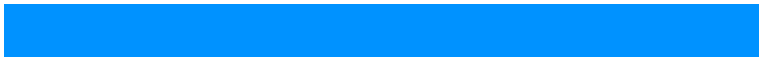
■ F9FAFE

FFFFFE

# Harmonies

## Analogous

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



0092FF



617AFE



C658D3

# Triad

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



617AFE



DB6112



00A176

# Complementary

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



617AFE



FEE561

# 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.



009C31



617AFE



AC7E00

# Square

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



617AFE



F54055



6F9100



00A2B9

# Rectangle

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



617AFE



E740AB



6F9100



00A05F



# Sweetspot

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



617AFE



CFD6FF



61FEE4



626780



000000



808080



# Same Dimension

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



617AFE



4260FF



9561FE



737580



001EBF



000A40



# Inverse Universe

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



FE617A



FF4260



CAFE61



807375



BF001E

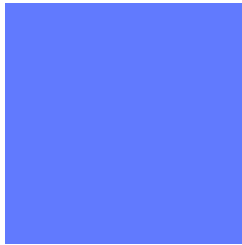


40000A



# Previews

## White Background



This preview shows how the Hex color 617AFE looks on a white background.

## Color Contrast Check

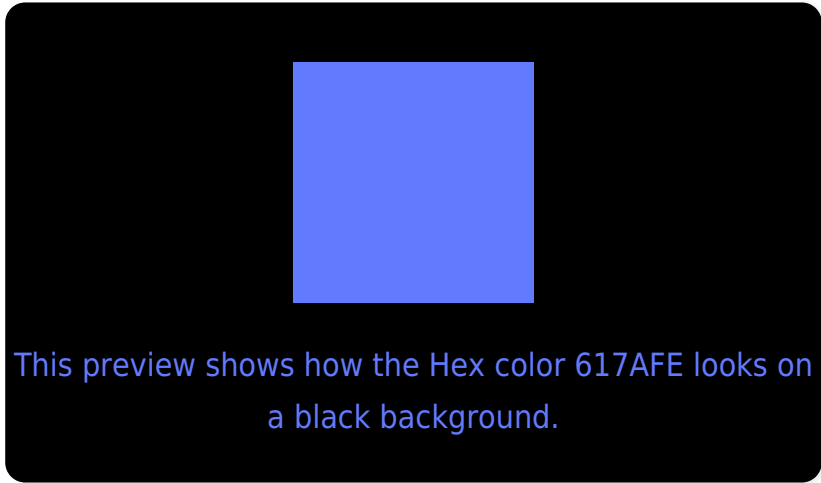
Large Text (above 18pt) WCAG AA ✓ Pass

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

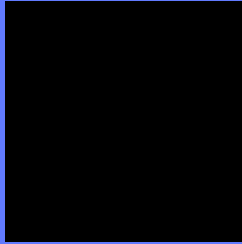
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 617AFE Background



This preview shows how black text looks on a background with the Hex color 617AFE.



This preview shows how white text looks on a background with the Hex color 617AFE.

# 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



# Trichromacy



**Original Color**  
617AFE

**Protanomaly**  
497EFF

**Tritanomaly**  
4289C1

# Monochromacy



**Original Color**  
617AFE

**Achromatopsia**  
828282

**Achromatomaly**  
767FAF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 617AFE 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 #617AFE looks like.

```
.text, #text, p{  
    color:#617AFE  
}
```

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 #617AFE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #617AFE
}
```

## Border

The CSS property to change the border of an element to Hex 617AFE is called "border". The border property can be set on classes, ids or directly on the HTML element.

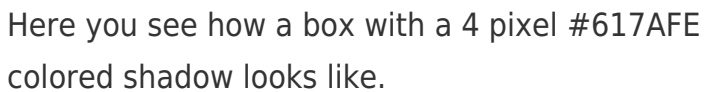
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#617AFE }
```

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

```
.border{ border-color:#617AFE }
```

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



Here you see how a box with a 4 pixel #617AFE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #617AFE; -webkit-box-shadow:4px 4px  
4px 4px #617AFE; box-shadow:4px 4px 4px  
4px #617AFE }
```

# Background

The CSS property to change the background color of an element to Hex 617AFE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#617AFE }
```

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

```
.background{ background-color:#617AFE }
```

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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