

# Converting Colors

Hex(627DFF)

Have a look what the booklet for  
Hex(627DFF) contains.

<b>Hex(627DFF)</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> .....	29

# **Color**

**Hex(627DFF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	627DFF
RGB	98, 125, 255
RGB Percent	38%, 49%, 100%
CMY	0.6157, 0.5098, 0.0000
CMYK	0.62, 0.51, 0.00, 0.00
HSL	230°, 100%, 69%
HSV	230°, 62%, 100%
XYZ	30.4206, 24.4839, 97.7303
YIQ	131.7470, -57.8220, 34.7060

# Conversions

## Conversions Part 2

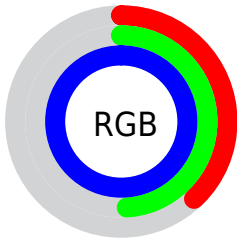
Format	Color
R <sub>Y</sub> B	98, 121, 255
Decimal	6454783
CIE Lab	56.57, 29.22, -67.80
CIE LCh	57, 73.832, 293.312
Yxy	24.4839, 0.1993, 0.1604
Android (android.graphics.Color)	4284644863 (0xFF627DFF)
YUV	131.7470, 60.7637, -29.5961
Hunter-Lab	49.4812, 23.1481, -82.4667

# Details

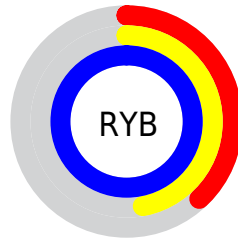
The Hex color **627DFF** is a light color, and the websafe version is hex **3366FF**. A complement of this color would be **FFE462**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **A1B1FF**, and **004DC5** is the 20% darker color. If you saturate the color by 10%, you get **4968FF**, and if you desaturate by 10%, it is **7B92FF**.

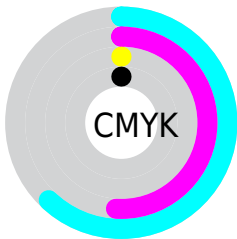
# Distribution



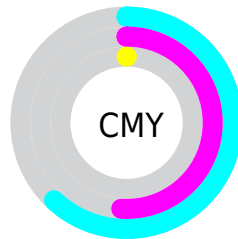
- Red (38%)
- Green (49%)
- Blue (100%)



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



- Cyan (62%)
- Magenta (51%)
- Yellow (0%)
- Black (0%)



- Cyan (62%)
- Magenta (51%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 627DFF 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 627DFF by changing the saturation by 10% instead.



 627DFF

 627DFF

FFFFFF

 3E64E2

 A1B1FF

 004DC5

 BFCDFE

 0037A9

 DEE9FF

 00228E

FDFFFF

 001174

 00025A

 000742

 00032B

 000115

■ 627DFF

■ 627DFF

■ 4968FF

■ 7B92FF

■ 2F53FF

■ 95A7FF

■ 163EFF

■ AFBCFF

■ 002CFF

■ C8D1FF

■ E2E7FF

■ FBFCFF

FFFFFF

# Harmonies

## Analogous

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



0094FF



627DFF



C65CD6

# Triad

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



627DFF



DD631A



00A377

# Complementary

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



627DFF



FFE462

# 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.



009E33



627DFF



B08000

# Square

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



627DFF



F64459



739300



00A4B9

# Rectangle

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



627DFF



E746AE



739300



00A260



# Sweetspot

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



627DFF



D1D9FF



62FFE2



636880



000000



808080



# Same Dimension

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



627DFF



4263FF



9462FF



737580



0021BF



000B40



# Inverse Universe

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



FF627D



FF4263



CDFF62



807375



BF0021

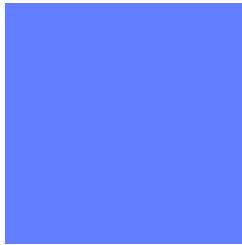


40000B



# Previews

## White Background



This preview shows how the Hex color 627DFF looks on a white background.

## Color Contrast Check

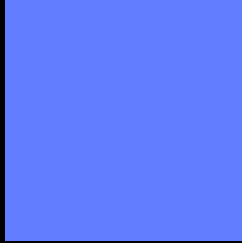
Large Text (above 18pt) WCAG AA ✓ Pass

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 627DFF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

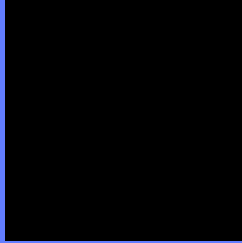
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 627DFF Background



This preview shows how black text looks on a background with the Hex color 627DFF.

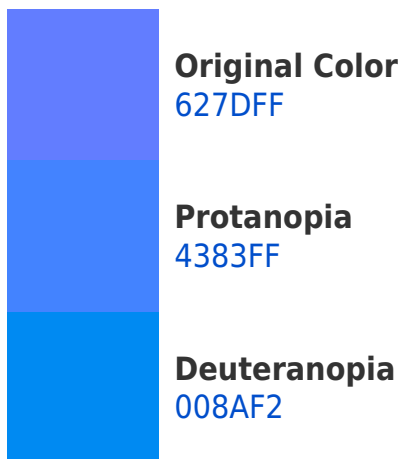


This preview shows how white text looks on a background with the Hex color 627DFF.

# 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](#).

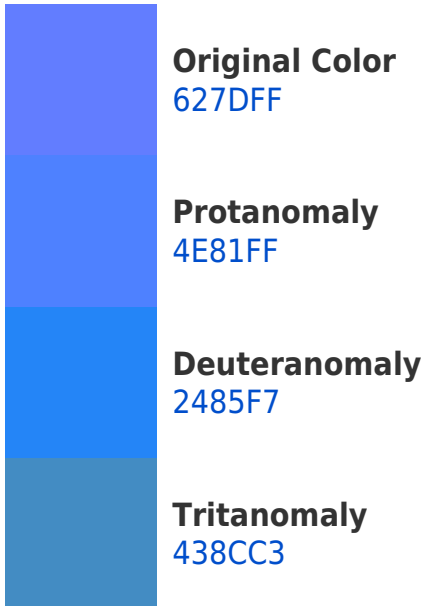
## Dichromacy





**Tritanopia**  
3294A0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 627DFF 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 #627DFF looks like.

```
.text, #text, p{  
    color:#627DFF  
}
```

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 #627DFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #627DFF
}
```

## Border

The CSS property to change the border of an element to Hex 627DFF 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
#627DFF }
```

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

```
.border{ border-color:#627DFF }
```

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

Here you see how a box with a 4 pixel #627DFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #627DFF; -webkit-box-shadow:4px 4px  
4px 4px #627DFF; box-shadow:4px 4px 4px  
4px #627DFF }
```

# Background

The CSS property to change the background color of an element to Hex 627DFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#627DFF }
```

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

```
.background{ background-color:#627DFF }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor