

Converting Colors

Hex(627DFD)

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

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Color

Hex(627DFD)

Conversions

Conversions Part 1

Format	Color
Hex	627DFD
RGB	98, 125, 253
RGB Percent	38%, 49%, 99%
CMY	0.6157, 0.5098, 0.0078
CMYK	0.61, 0.51, 0.00, 0.01
HSL	230°, 97%, 69%
HSV	230°, 61%, 99%
XYZ	30.1002, 24.3558, 96.0432
YIQ	131.5190, -57.1800, 34.0840

Conversions

Conversions Part 2

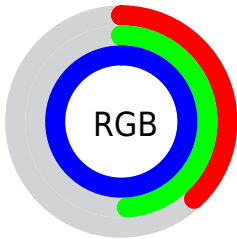
Format	Color
R _Y B	98, 121, 253
Decimal	6454781
CIE Lab	56.44, 28.56, -66.91
CIE LCh	56, 72.748, 293.116
Yxy	24.3558, 0.2000, 0.1618
Android (android.graphics.Color)	4284644861 (0xFF627DFD)
YUV	131.5190, 59.8901, -29.3962
Hunter-Lab	49.3515, 22.5046, -80.8384

Details

The Hex color **627DFD** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **FDE262**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **A1B1FF**, and **014DC3** is the 20% darker color. If you saturate the color by 10%, you get **4968FD**, and if you desaturate by 10%, it is **7B92FD**.

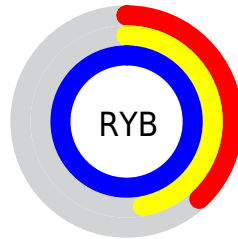
Distribution



Red (38%)

Green (49%)

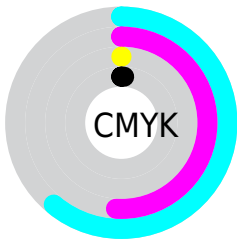
Blue (99%)



Red (38%)

Yellow (47%)

Blue (99%)

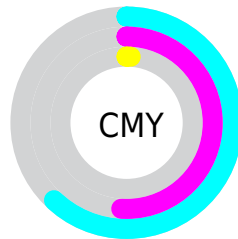


Cyan (61%)

Magenta (51%)

Yellow (0%)

Black (1%)



Cyan (62%)

Magenta (51%)

Yellow (1%)

Brightness & Saturation Gradients

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

 627DFD

 627DFD

FFFFFF

 3F64E0

 A1B1FF

 014DC3

 BFCDFE

 0037A8

 DEE9FF

 00228C

 FCFFFF

 001172

 000359

 000740

 000329

 000113

■ 627DFD

■ 627DFD

■ 4968FD

■ 7B92FD

■ 2F53FD

■ 95A7FD

■ 163EFD

■ AEBCFD

■ 002CFD

■ C7D1FD

■ E1E5FD

■ FAFAFD

FFFFFD

Harmonies

Analogous

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



0094FF



627DFD



C45DD4

Triad

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



627DFD



DC641D



00A376

Complementary

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



627DFD



FDE262

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.



009D34



627DFD



AF8000

Square

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



627DFD



F4455A



749300



00A3B8

Rectangle

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



627DFD



E548AE



749300



00A160

Sweetspot

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



627DFD



D1D9FF



62FDE1



636880



000000



808080

Same Dimension

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



627DFD



4263FF



9362FD



737580



0021BF



000B40

Inverse Universe

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



FD627D



FF4263



CCFD62



807375



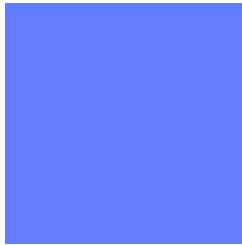
BF0021



40000B

Previews

White Background



This preview shows how the Hex color 627DFD 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 627DFD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

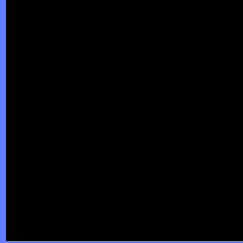
Any Text WCAG AA ✓ Pass

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 627DFD Background



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



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

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](#).

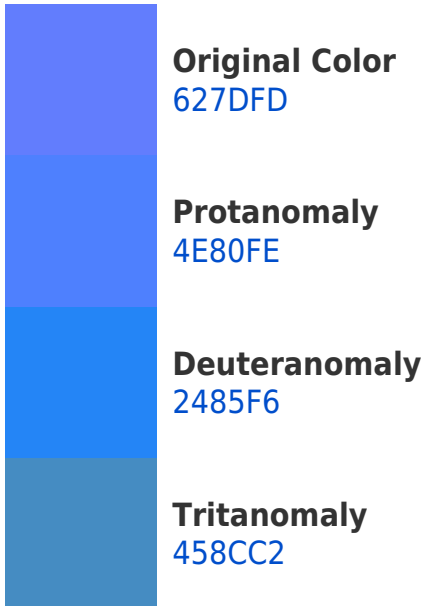
Dichromacy



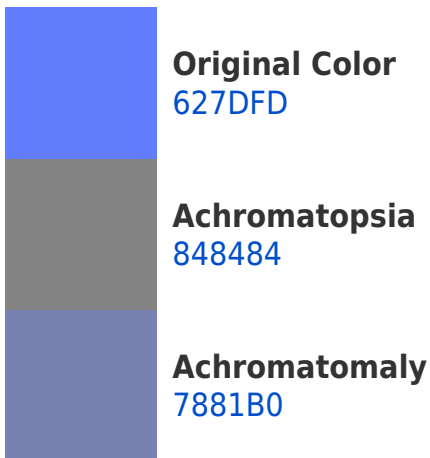


Tritanopia
3494A0

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #627DFD colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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