

Converting Colors

Hex(6A7EDF)

Have a look what the booklet for
Hex(6A7EDF) contains.

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Color

Hex(6A7EDF)

Conversions

Conversions Part 1

Format	Color
Hex	6A7EDF
RGB	106, 126, 223
RGB Percent	42%, 49%, 87%
CMY	0.5843, 0.5059, 0.1255
CMYK	0.52, 0.43, 0.00, 0.13
HSL	230°, 65%, 65%
HSV	230°, 52%, 87%
XYZ	26.7240, 23.3136, 72.9035
YIQ	131.0780, -43.0570, 25.9270

Conversions

Conversions Part 2

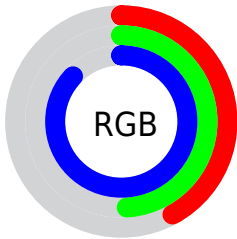
Format	Color
RYB	106, 123, 223
Decimal	6979295
CIELab	55.39, 19.83, -51.88
CIELCh	55, 55.536, 290.918
Yxy	23.3136, 0.2174, 0.1896
Android (android.graphics.Color)	4285169375 (0xFF6A7EDF)
YUV	131.0780, 45.3175, -21.9934
Hunter-Lab	48.2842, 14.2977, -55.7222

Details

The Hex color **6A7EDF** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **DFCB6A**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **A4B2FF**, and **2B4EA7** is the 20% darker color. If you saturate the color by 10%, you get **546CDF**, and if you desaturate by 10%, it is **8090DF**.

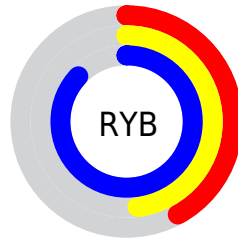
Distribution



Red (42%)

Green (49%)

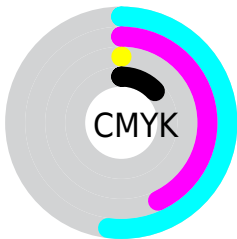
Blue (87%)



Red (42%)

Yellow (48%)

Blue (87%)

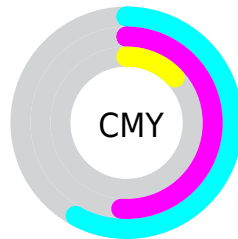


Cyan (52%)

Magenta (43%)

Yellow (0%)

Black (13%)



Cyan (58%)

Magenta (51%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A7EDF 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 6A7EDF by changing the saturation by 10% instead.

■ 6A7EDF

■ 6A7EDF

FFFFFF

■ 4C65C3

■ A4B2FF

■ 2B4EA7

■ C1CEFF

■ 00378C

■ DEEAFF

■ 002272

■ FCFFFF

■ 000F59

■ 000741

■ 00032A

■ 000114

■ 000000

 6A7EDF

 6A7EDF

 546CDF


 8090DF

 3D59DF

 97A3DF

 2747DF

 ADB5DF

 1134DF

 C3C8DF

 0026DF

 DADADF

 F0EDDF

 FFFFDF

Harmonies

Analogous

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



008EE4



6A7EDF



B169C2

Triad

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



6A7EDF



CB6A3B



009B74

Complementary

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



6A7EDF



DFCB6A

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.



409644



6A7EDF



AA7D1C

Square

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



6A7EDF



DC5965



7D8C20



009CA6

Rectangle

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



6A7EDF



CC5DA5



7D8C20



009A63

Sweetspot

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



6A7EDF



D6DDFF



6ADFCA



676B80



000000



808080

Same Dimension

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



6A7EDF



5E7AFF



8F6ADF



656770



001EB0



000830

Inverse Universe

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



DF6A7E



FF5E7A



BADF6A



706567



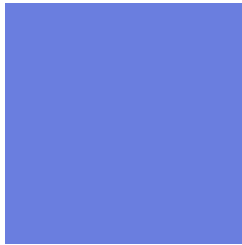
B0001E



300008

Previews

White Background



This preview shows how the Hex color 6A7EDF 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 6A7EDF Background



This preview shows how black text looks on a background with the Hex color 6A7EDF.



This preview shows how white text looks on a background with the Hex color 6A7EDF.

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](#).

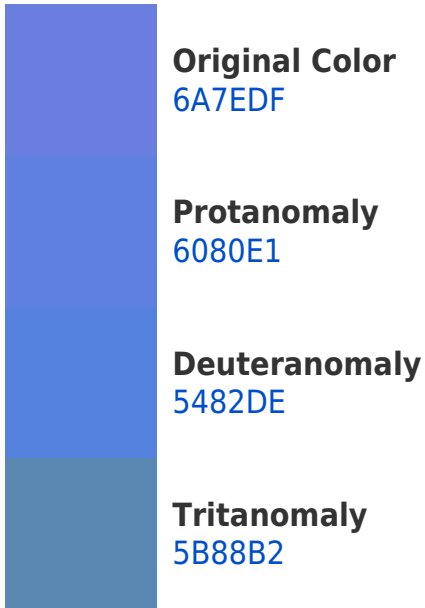
Dichromacy



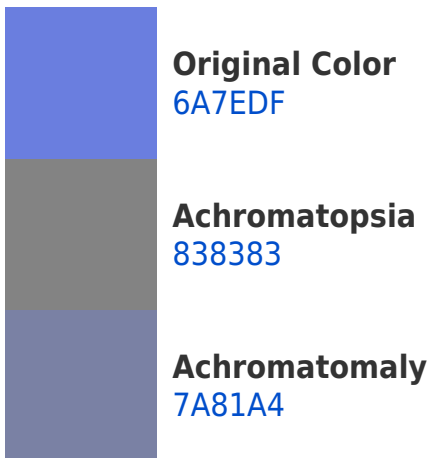


Tritanopia
528E99

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6A7EDF 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 #6A7EDF looks like.

```
.text, #text, p{  
    color:#6A7EDF  
}
```

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 #6A7EDF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A7EDF
}
```

Border

The CSS property to change the border of an element to Hex 6A7EDF is called "border". The border property can be set on classes, ids or directly on the HTML element.

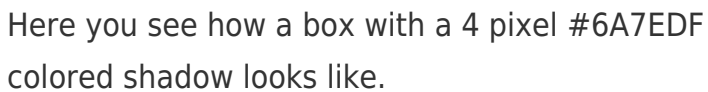
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A7EDF }
```

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

```
.border{ border-color:#6A7EDF }
```

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



Here you see how a box with a 4 pixel #6A7EDF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A7EDF; -webkit-box-shadow:4px 4px  
4px 4px #6A7EDF; box-shadow:4px 4px 4px  
4px #6A7EDF }
```

Background

The CSS property to change the background color of an element to Hex 6A7EDF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A7EDF }
```

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

```
.background{ background-color:#6A7EDF }
```

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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