

Converting Colors

Hex(6483FA)

Have a look what the booklet for
Hex(6483FA) contains.

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Color

Hex(6483FA)

Conversions

Conversions Part 1

Format	Color
Hex	6483FA
RGB	100, 131, 250
RGB Percent	39%, 51%, 98%
CMY	0.6078, 0.4863, 0.0196
CMYK	0.60, 0.48, 0.00, 0.02
HSL	228°, 94%, 69%
HSV	228°, 60%, 98%
XYZ	30.6271, 25.8441, 93.8167
YIQ	135.2970, -56.6750, 30.4370

Conversions

Conversions Part 2

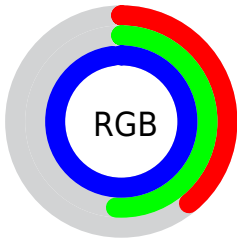
Format	Color
RYB	100, 126, 250
Decimal	6587386
CIELab	57.89, 24.30, -62.92
CIELCh	58, 67.450, 291.119
Yxy	25.8441, 0.2038, 0.1720
Android (android.graphics.Color)	4284777466 (0xFF6483FA)
YUV	135.2970, 56.5486, -30.9555
Hunter-Lab	50.8370, 18.5738, -73.8301

Details

The Hex color **6483FA** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **FADB64**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **A2B8FF**, and **1052C1** is the 20% darker color. If you saturate the color by 10%, you get **4B6FFA**, and if you desaturate by 10%, it is **7D97FA**.

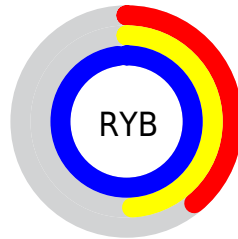
Distribution



Red (39%)

Green (51%)

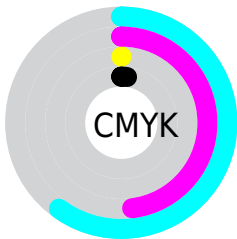
Blue (98%)



Red (39%)

Yellow (49%)

Blue (98%)

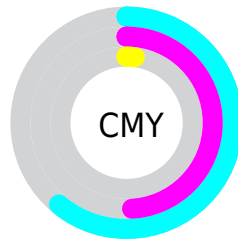


Cyan (60%)

Magenta (48%)

Yellow (0%)

Black (2%)



Cyan (61%)

Magenta (49%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6483FA 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 6483FA by changing the saturation by 10% instead.

 6483FA

 6483FA

FFFFFF

 426ADD

 A2B8FF

 1052C1

 C0D3FF

 003CA5

 DEEFFF

 00278A


FDFFFF

 001570

 000057

 00063E

 000327

 000111

■ 6483FA

■ 6483FA

■ 4B6FFA

■ 7D97FA

■ 325BFA

■ 96ABFA

■ 1947FA

■ AFBFFA

■ 0034FA

■ C8D2FA

■ E1E6FA

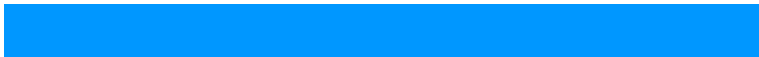
■ FAFAFA

■ FFFFA

Harmonies

Analogous

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



0097FF



6483FA



C067D6

Triad

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



6483FA



DE692E



00A577

Complementary

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



6483FA



FADB64

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.



2BA03B



6483FA



B58200

Square

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



6483FA



F35164



7F9500



00A6B4

Rectangle

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



6483FA



E155B3



7F9500



00A463

Sweetspot

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



6483FA



D1DBFF



64FAD9



636980



000000



808080

Same Dimension

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



6483FA



476DFF



8E64FA



70737D



0027BD



000D3D

Inverse Universe

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



FA6483



FF476D



D0FA64



7D7073



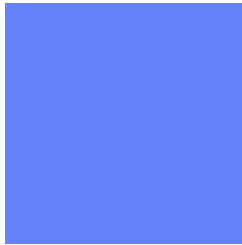
BD0027



3D000D

Previews

White Background



This preview shows how the Hex color 6483FA looks on a white background.

Color Contrast Check

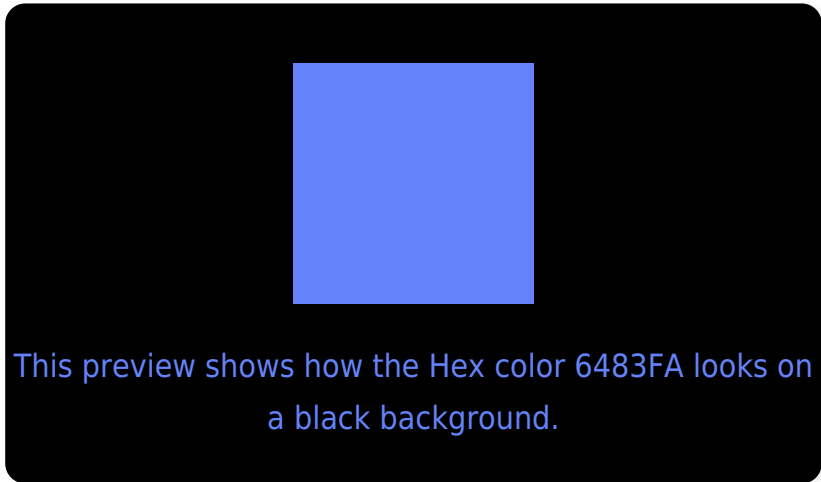
Large Text (above 18pt) WCAG AA ✓ Pass

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

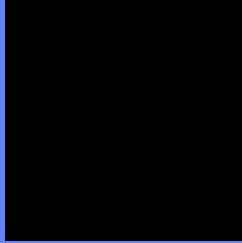
Any Text WCAG AA ✓ Pass

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 6483FA Background



This preview shows how black text looks on a background with the Hex color 6483FA.

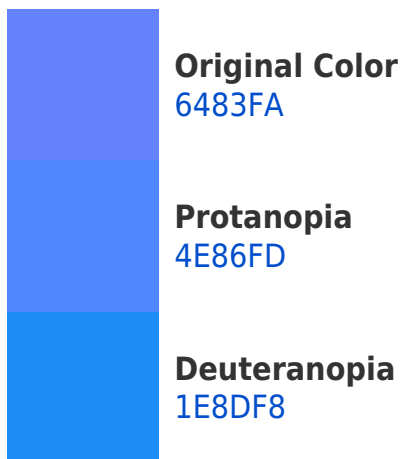


This preview shows how white text looks on a background with the Hex color 6483FA.

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](#).

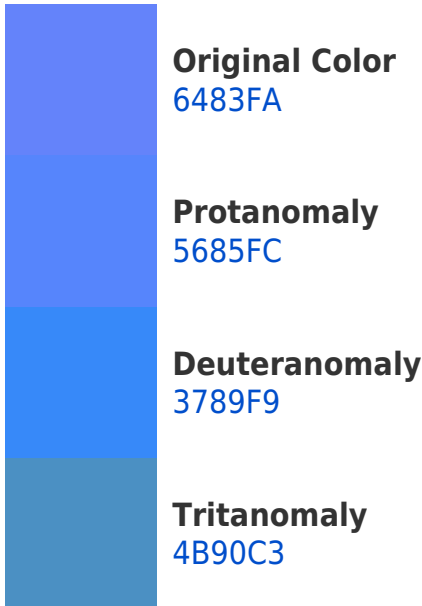
Dichromacy



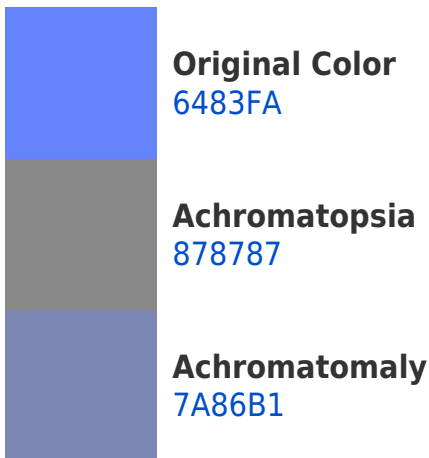


Tritanopia
3D97A3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6483FA 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 #6483FA looks like.

```
.text, #text, p{  
    color:#6483FA  
}
```

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 #6483FA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6483FA
}
```

Border

The CSS property to change the border of an element to Hex 6483FA 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
#6483FA }
```

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

```
.border{ border-color:#6483FA }
```

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

Here you see how a box with a 4 pixel #6483FA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6483FA; -webkit-box-shadow:4px 4px  
4px 4px #6483FA; box-shadow:4px 4px 4px  
4px #6483FA }
```

Background

The CSS property to change the background color of an element to Hex 6483FA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6483FA }
```

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

```
.background{ background-color:#6483FA }
```

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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