

# Converting Colors

Hex(6483EA)

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

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# **Color**

**Hex(6483EA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6483EA
RGB	100, 131, 234
RGB Percent	39%, 51%, 92%
CMY	0.6078, 0.4863, 0.0824
CMYK	0.57, 0.44, 0.00, 0.08
HSL	226°, 76%, 65%
HSV	226°, 57%, 92%
XYZ	28.2231, 24.8824, 81.1572
YIQ	133.4730, -51.5390, 25.4610

# Conversions

## Conversions Part 2

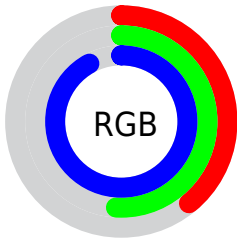
Format	Color
<a href="#">RYB</a>	<a href="#">100, 125, 234</a>
Decimal	<a href="#">6587370</a>
CIELab	<a href="#">56.96, 19.09, -55.54</a>
CIELCh	<a href="#">57, 58.731, 288.966</a>
Yxy	<a href="#">24.8824, 0.2102, 0.1853</a>
Android (android.graphics.Color)	<a href="#">4284777450 (0xFF6483EA)</a>
YUV	<a href="#">133.4730, 49.5598, -29.3558</a>
Hunter-Lab	<a href="#">49.8823, 13.7002, -61.5456</a>

# Details

The Hex color **6483EA** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **EACB64**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **A0B8FF**, and **1C52B2** is the 20% darker color. If you saturate the color by 10%, you get **4D71EA**, and if you desaturate by 10%, it is **7B95EA**.

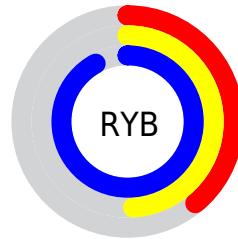
# Distribution



Red (39%)

Green (51%)

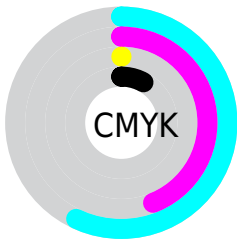
Blue (92%)



Red (39%)

Yellow (49%)

Blue (92%)

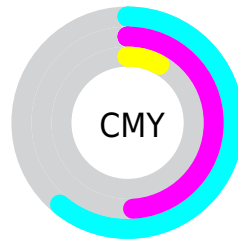


Cyan (57%)

Magenta (44%)

Yellow (0%)

Black (8%)



Cyan (61%)

Magenta (49%)

Yellow (8%)

# Brightness & Saturation Gradients

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



 6483EA

 6483EA

FFFFFF

 446ACD

 A0B8FF

 1C52B2

 BDD3FF

 003C96

 DBEFFF

 00277C

 F9FFFF

 001462

 00044A

 000432

 00021C

 000000

■ 6483EA

■ 6483EA

■ 4D71EA

■ 7B95EA

■ 355FEA

■ 93A7EA

■ 1E4DEA

■ AAB9EA

■ 063BEA

■ C2CBEA

■ 0036EA

■ D9DDEA

■ F0EFEA

■ FFFFEA

# Harmonies

## Analogous

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



0094ED



6483EA



B46DCD

# Triad

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



6483EA



D56B3C



00A073

# Complementary

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



6483EA



EACB64

# 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.



449A41



6483EA



B27F18

# Square

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



6483EA



E5596A



84901A



00A1A8

# Rectangle

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



6483EA



D25FAF



84901A



009E62



# Sweetspot

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



6483EA



D4DEFF



64EACB



666C80



000000



808080



# Same Dimension

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



6483EA



4F78FF



8864EA



6A6C75



002AB5



000C36



# Inverse Universe

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



EA6483



FF4F78



C6EA64



756A6C



B5002A

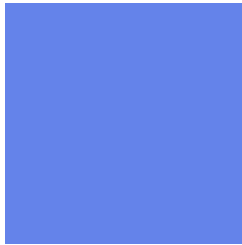


36000C



# Previews

## White Background



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

## Color Contrast Check

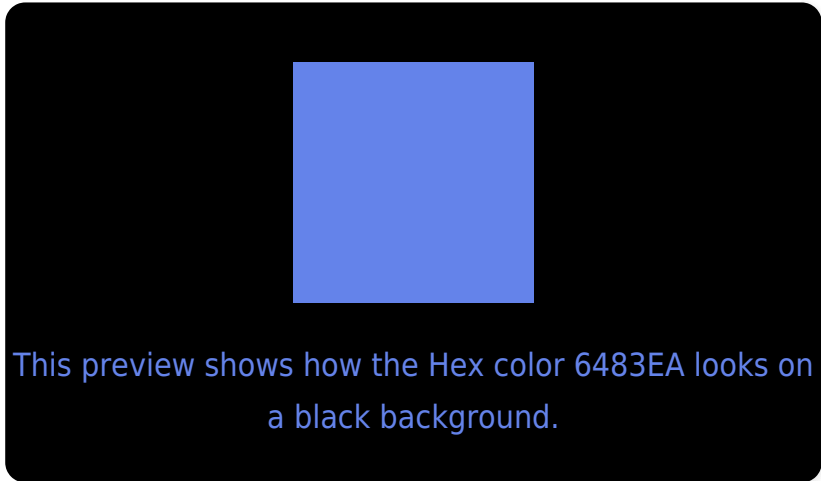
Large Text (above 18pt) WCAG AA ✓ Pass

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

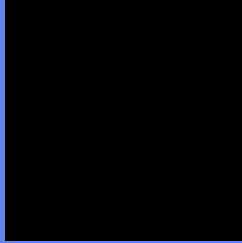
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 6483EA Background



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




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

# 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](#).

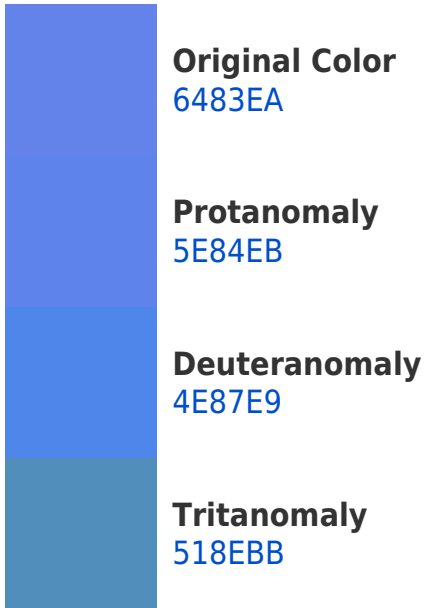
## Dichromacy





**Tritanopia**  
4694A0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #6483EA colored shadow looks like.

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

## Border

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

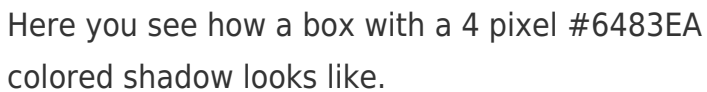
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6483EA }
```

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

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

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



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

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

# Background

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

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

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

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

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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