

# Converting Colors

Hex(6485DE)

Have a look what the booklet for  
Hex(6485DE) contains.

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# **Color**

**Hex(6485DE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6485DE
RGB	100, 133, 222
RGB Percent	39%, 52%, 87%
CMY	0.6078, 0.4784, 0.1294
CMYK	0.55, 0.40, 0.00, 0.13
HSL	224°, 65%, 63%
HSV	224°, 55%, 87%
XYZ	26.8279, 24.7583, 72.4721
YIQ	133.2790, -48.2370, 20.6830

# Conversions

## Conversions Part 2

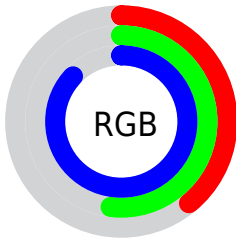
Format	Color
R <sub>Y</sub> B	100, 126, 222
Decimal	6587870
CIE Lab	56.84, 14.02, -49.04
CIE LCh	57, 51.003, 285.958
Yxy	24.7583, 0.2163, 0.1996
Android (android.graphics.Color)	4284777950 (0xFF6485DE)
YUV	133.2790, 43.7395, -29.1857
Hunter-Lab	49.7577, 9.1658, -51.5254

# Details

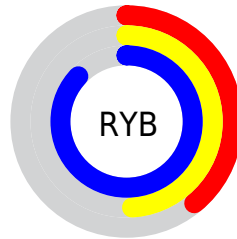
The Hex color **6485DE** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **DEBD64**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **9EBAFF**, and **2254A6** is the 20% darker color. If you saturate the color by 10%, you get **4E75DE**, and if you desaturate by 10%, it is **7A95DE**.

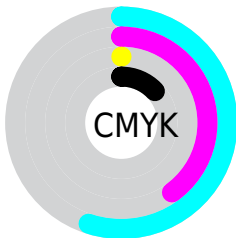
# Distribution



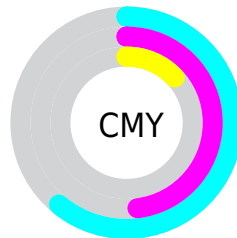
- Red (39%)
- Green (52%)
- Blue (87%)



- Red (39%)
- Yellow (49%)
- Blue (87%)



- Cyan (55%)
- Magenta (40%)
- Yellow (0%)
- Black (13%)



- Cyan (61%)
- Magenta (48%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6485DE 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 6485DE by changing the saturation by 10% instead.



■ 6485DE

■ 6485DE

FFFFFF

■ 466CC2

■ 9EBAFF

■ 2254A6

■ BBD5FF

■ 003D8B

■ D9F2FF

■ 002871

■ F7FFFF

■ 001558

■ 000640

■ 000329

■ 000113

■ 000000

■ 6485DE

■ 6485DE

■ 4E75DE

■ 7A95DE

■ 3865DE

■ 90A5DE

■ 2154DE

■ A7B6DE

■ 0B44DE

■ BDC6DE

■ 003CDE

■ D3D6DE

■ E9E6DE

■ FFF6DE

■ FFFFDE

# Harmonies

## Analogous

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



0093DE



6485DE



A973C7

# Triad

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



6485DE



CF6D4A



009D71

# Complementary

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



6485DE



DEBD64

# 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.



579747



6485DE



B27F2E

# Square

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



6485DE



DA6172



8A8D2C



009E9F

# Rectangle

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



6485DE



C567AD



8A8D2C



1D9B62



# Sweetspot

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



6485DE



D6E1FF



64DEBB



676E80



000000



808080



# Same Dimension

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



6485DE



5784FF



7E64DE



656870



0030B0



000D30



# Inverse Universe

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



DE6485



FF5784



C4DE64



706568



B00030

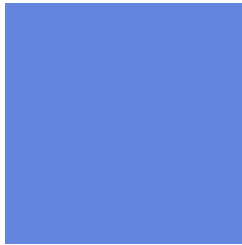


30000D



# Previews

## White Background



This preview shows how the Hex color 6485DE looks on a white background.

## Color Contrast Check

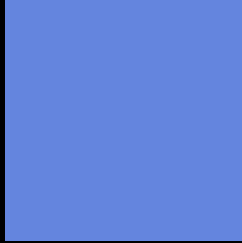
Large Text (above 18pt) WCAG AA ✓ Pass

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 6485DE 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 6485DE Background



This preview shows how black text looks on a background with the Hex color 6485DE.



This preview shows how white text looks on a background with the Hex color 6485DE.

# 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](#).

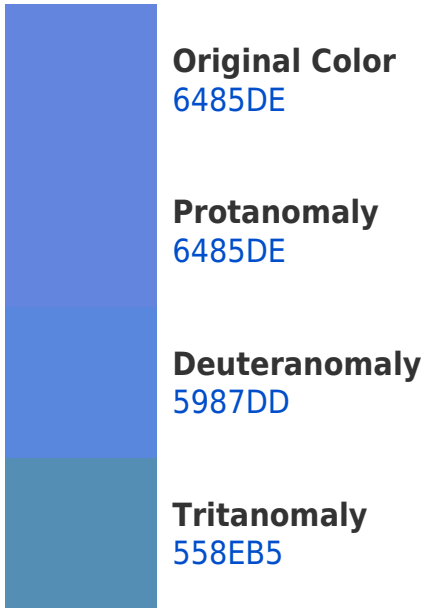
## Dichromacy



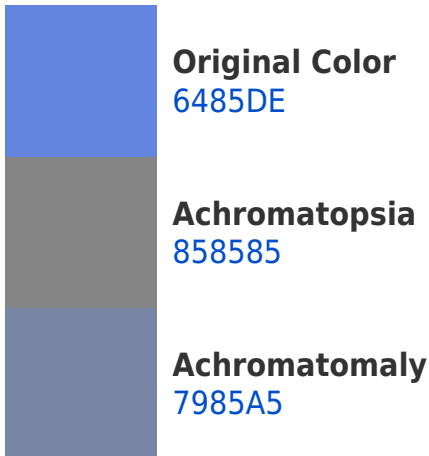


**Tritanopia**  
4D939E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6485DE 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 #6485DE looks like.

```
.text, #text, p{  
    color:#6485DE  
}
```

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 #6485DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6485DE
}
```

## Border

The CSS property to change the border of an element to Hex 6485DE is called "border". The border property can be set on classes, ids or directly on the HTML element.

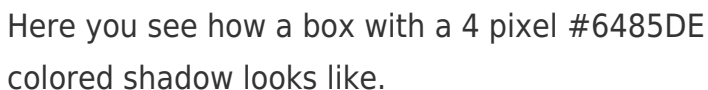
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6485DE }
```

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

```
.border{ border-color:#6485DE }
```

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



Here you see how a box with a 4 pixel #6485DE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6485DE; -webkit-box-shadow:4px 4px  
4px 4px #6485DE; box-shadow:4px 4px 4px  
4px #6485DE }
```

# Background

The CSS property to change the background color of an element to Hex 6485DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6485DE }
```

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

```
.background{ background-color:#6485DE }
```

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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