

# Converting Colors

Hex(6185D0)

Have a look what the booklet for  
Hex(6185D0) contains.

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# **Color**

**Hex(6185D0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6185D0
RGB	97, 133, 208
RGB Percent	38%, 52%, 82%
CMY	0.6196, 0.4784, 0.1843
CMYK	0.53, 0.36, 0.00, 0.18
HSL	221°, 54%, 60%
HSV	221°, 53%, 82%
XYZ	24.7025, 23.8705, 62.9800
YIQ	130.7860, -45.5310, 15.6930

# Conversions

## Conversions Part 2

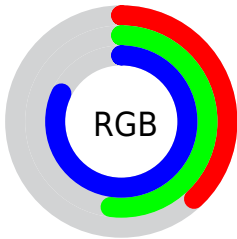
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	97, 124, 208
Decimal	6391248
CIE Lab	55.96, 8.92, -42.57
CIE LCh	56, 43.498, 281.833
Yxy	23.8705, 0.2214, 0.2140
Android (android.graphics.Color)	4284581328 (0xFF6185D0)
YUV	130.7860, 38.0665, -29.6303
Hunter-Lab	48.8575, 4.7495, -42.2279

# Details

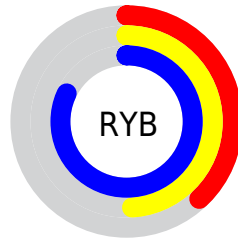
The Hex color **6185D0** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **D0AC61**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **9ABAFF**, and **235499** is the 20% darker color. If you saturate the color by 10%, you get **4C77D0**, and if you desaturate by 10%, it is **7693D0**.

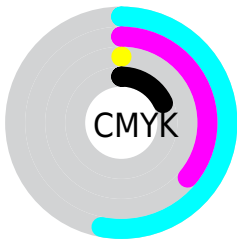
# Distribution



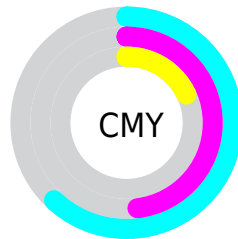
- Red (38%)
- Green (52%)
- Blue (82%)



- Red (38%)
- Yellow (49%)
- Blue (82%)



- Cyan (53%)
- Magenta (36%)
- Yellow (0%)
- Black (18%)



- Cyan (62%)
- Magenta (48%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6185D0 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 6185D0 by changing the saturation by 10% instead.



■ 6185D0

■ 6185D0

FFFFFF

■ 446CB4

■ 9ABAFF

■ 235499

■ B7D5FF

■ 003D7F

■ D4F2FF

■ 002865

■ F1FFFF

■ 00144D

■ 000536

■ 00021F

■ 000003

■ 000000

■ 6185D0

■ 6185D0

■ 4C77D0

■ 7693D0

■ 3769D0

■ 8BA1D0

■ 235BD0

■ 9FAFD0

■ 0E4DD0

■ B4BDD0

■ 0043D0

■ C9CBD0

■ DED9D0

■ F3E7D0

■ FFF5D0

■ FFFF00

# Harmonies

## Analogous

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



0091CD



6185D0



9C76BF

# Triad

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



6185D0



C66E55



27986D

# Complementary

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



6185D0



D0AC61

# 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.



64924C



6185D0



AF7C3D

# Square

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



6185D0



CD6679



8E8939



009994

# Rectangle

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



6185D0



B76DAA



8E8939



419661



# Sweetspot

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



6185D0



D6E3FF



61D0AB



676F80



000000



808080



# Same Dimension

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



6185D0



5C91FF



7361D0



5E6169



0037A8



000D29



# Inverse Universe

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



D06185



FF5C91



BED061



695E61



A80037

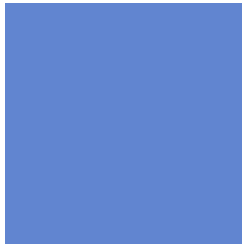


29000D



# Previews

## White Background



This preview shows how the Hex color 6185D0 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 6185D0 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 6185D0 Background



This preview shows how black text looks on a background with the Hex color 6185D0.

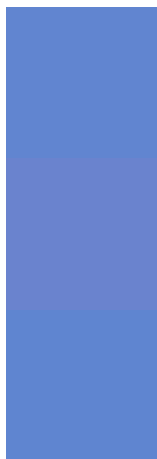


This preview shows how white text looks on a background with the Hex color 6185D0.

# 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



**Original Color**  
6185D0

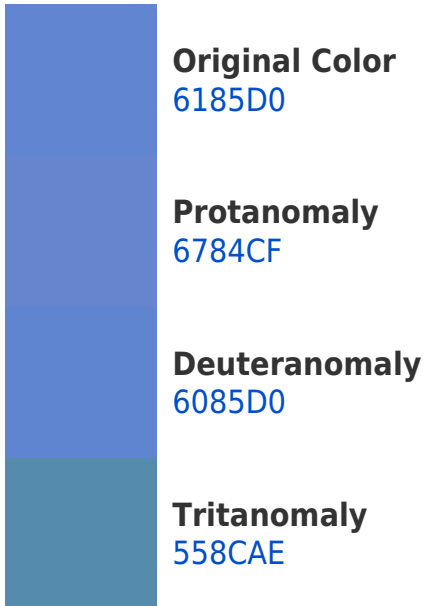
**Protanopia**  
6A83CE

**Deuteranopia**  
5F85D0

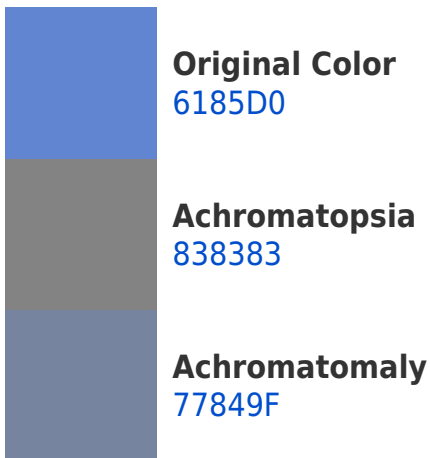


**Tritanopia**  
4E909B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6185D0 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 #6185D0 looks like.

```
.text, #text, p{  
    color:#6185D0  
}
```

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 #6185D0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6185D0
}
```

## Border

The CSS property to change the border of an element to Hex 6185D0 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
#6185D0 }
```

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

```
.border{ border-color:#6185D0 }
```

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

Here you see how a box with a 4 pixel #6185D0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6185D0; -webkit-box-shadow:4px 4px  
4px 4px #6185D0; box-shadow:4px 4px 4px  
4px #6185D0 }
```

# Background

The CSS property to change the background color of an element to Hex 6185D0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6185D0 }
```

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

```
.background{ background-color:#6185D0 }
```

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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