

# Converting Colors

Hex(6A61D1)

Have a look what the booklet for  
Hex(6A61D1) contains.

<b>Hex(6A61D1)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(6A61D1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6A61D1
RGB	106, 97, 209
RGB Percent	42%, 38%, 82%
CMY	0.5843, 0.6196, 0.1804
CMYK	0.49, 0.54, 0.00, 0.18
HSL	245°, 55%, 60%
HSV	245°, 54%, 82%
XYZ	21.7272, 16.2170, 62.3066
YIQ	112.4590, -30.5880, 36.7400

# Conversions

## Conversions Part 2

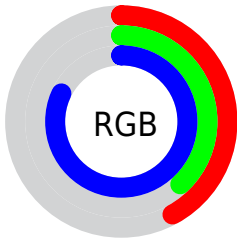
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	106, 97, 209
Decimal	6971857
CIE <sub>Lab</sub>	47.26, 33.06, -56.98
CIE <sub>LCh</sub>	47, 65.873, 300.121
Yxy	16.2170, 0.2167, 0.1618
Android (android.graphics.Color)	4285161937 (0xFF6A61D1)
YUV	112.4590, 47.5947, -5.6645
Hunter-Lab	40.2703, 25.8335, -63.5448

# Details

The Hex color **6A61D1** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **C8D161**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **A394FF**, and **2D329A** is the 20% darker color. If you saturate the color by 10%, you get **574CD1**, and if you desaturate by 10%, it is **7D76D1**.

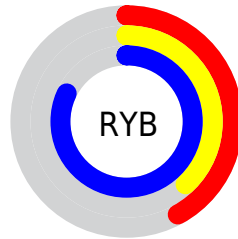
# Distribution



Red (42%)

Green (38%)

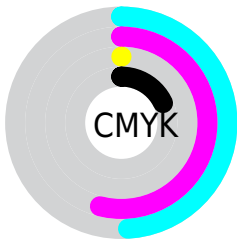
Blue (82%)



Red (42%)

Yellow (38%)

Blue (82%)

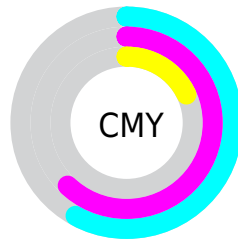


Cyan (49%)

Magenta (54%)

Yellow (0%)

Black (18%)



Cyan (58%)

Magenta (62%)

Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6A61D1 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 6A61D1 by changing the saturation by 10% instead.



■ 6A61D1

■ 6A61D1

FFFFFF

■ 4D49B5

■ A394FF

■ 2D329A

■ C0AFFE

■ 001D7F

■ DECAFF

■ 000965

■ FCE6FF

■ 00004D

■ 000535

■ 00021F

■ 000001

■ 000000

■ 6A61D1

■ 6A61D1

■ 574CD1

■ 7D76D1

■ 4437D1

■ 908BD1

■ 3022D1

■ A4A0D1

■ 1D0DD1

■ B7B5D1

■ 1100D1

■ CACAD1

■ DDD1D1

■ F1F3D1

■ FFFFD1

# Harmonies

## Analogous

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



0077E0



6A61D1



B143A8

# Triad

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



6A61D1



B25700



00886F

# Complementary

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



6A61D1



C8D161

# 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.



008534



6A61D1



876E00

# Square

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



6A61D1



CC3A3C



507D00



0088A7

# Rectangle

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



6A61D1



C83185



507D00



00875B



# Sweetspot

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



6A61D1



D9D6FF



61CAD1



696780



000000



808080



# Same Dimension

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



6A61D1



695CFF



A061D1



5F5E69



0E00A8



030029



# Inverse Universe

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



D161C8



FF5CF2



92D161



695E68



A8009B

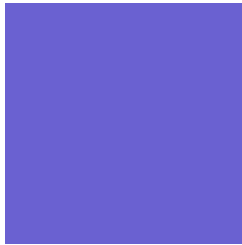


290026



# Previews

## White Background



This preview shows how the Hex color 6A61D1 looks on a white background.

## Color Contrast Check

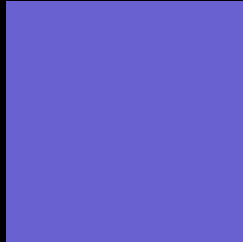
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 6A61D1 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

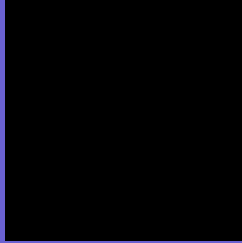
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6A61D1 Background



This preview shows how black text looks on a background with the Hex color 6A61D1.

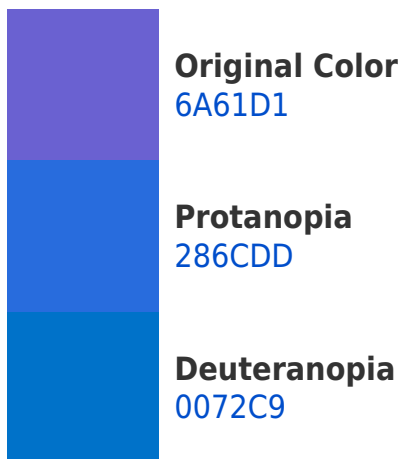



This preview shows how white text looks on a background with the Hex color 6A61D1.

# 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](#).

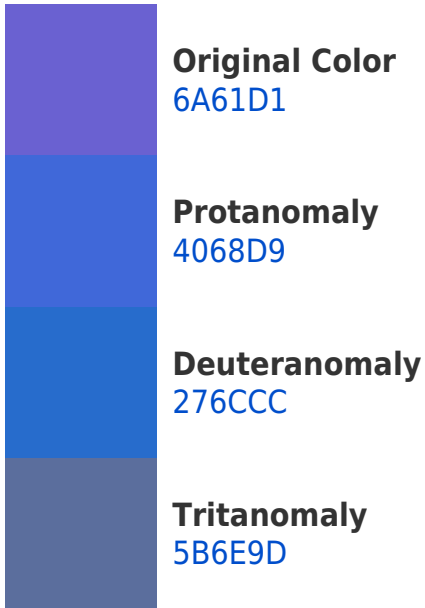
## Dichromacy





**Tritanopia**  
52767F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6A61D1 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 #6A61D1 looks like.

```
.text, #text, p{  
    color:#6A61D1  
}
```

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 #6A61D1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A61D1
}
```

## Border

The CSS property to change the border of an element to Hex 6A61D1 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
#6A61D1 }
```

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

```
.border{ border-color:#6A61D1 }
```

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

Here you see how a box with a 4 pixel #6A61D1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A61D1; -webkit-box-shadow:4px 4px  
4px 4px #6A61D1; box-shadow:4px 4px 4px  
4px #6A61D1 }
```

# Background

The CSS property to change the background color of an element to Hex 6A61D1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A61D1 }
```

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

```
.background{ background-color:#6A61D1 }
```

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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