

# Converting Colors

Hex(6161DE)

Have a look what the booklet for  
Hex(6161DE) contains.

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# Color

**Hex(6161DE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6161DE
RGB	97, 97, 222
RGB Percent	38%, 38%, 87%
CMY	0.6196, 0.6196, 0.1294
CMYK	0.56, 0.56, 0.00, 0.13
HSL	240°, 65%, 63%
HSV	240°, 56%, 87%
XYZ	22.3893, 16.3647, 71.0859
YIQ	111.2500, -40.1250, 38.8750

# Conversions

## Conversions Part 2

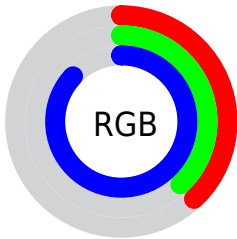
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">97, 97, 222</a>
Decimal	<a href="#">6382046</a>
CIELab	<a href="#">47.45, 35.31, -64.11</a>
CIELCh	<a href="#">47, 73.186, 298.844</a>
Yxy	<a href="#">16.3647, 0.2038, 0.1490</a>
Android (android.graphics.Color)	<a href="#">4284572126 (0xFF6161DE)</a>
YUV	<a href="#">111.2500, 54.5998, -12.4972</a>
Hunter-Lab	<a href="#">40.4533, 27.9993, -75.8690</a>

# Details

The Hex color **6161DE** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **DEDE61**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **9D94FF**, and **1733A6** is the 20% darker color. If you saturate the color by 10%, you get **4B4BDE**, and if you desaturate by 10%, it is **7777DE**.

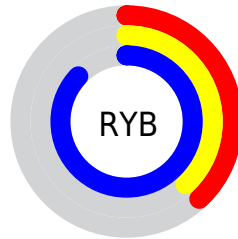
# Distribution



Red (38%)

Green (38%)

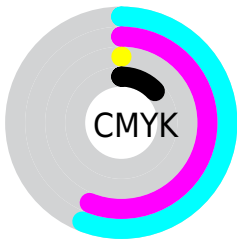
Blue (87%)



Red (38%)

Yellow (38%)

Blue (87%)

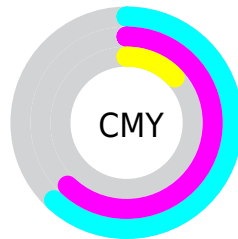


Cyan (56%)

Magenta (56%)

Yellow (0%)

Black (13%)



Cyan (62%)

Magenta (62%)

Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6161DE 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 6161DE by changing the saturation by 10% instead.



■ 6161DE

■ 6161DE

FFFFFF

■ 4149C2

■ 9D94FF

■ 1733A6

■ BAAEFF

■ 001D8B

■ D8CAFF

■ 000B71

■ F6E6FF

■ 000057

■ 00063F

■ 000328

■ 000112

■ 000000

■ 6161DE

■ 6161DE

■ 4B4BDE

■ 7777DE

■ 3535DE

■ 8D8DDE

■ 1E1EDE

■ A4A4DE

■ 0808DE

■ BABADE

■ 0000DE

■ D0D0DE

■ E6E6DE

■ FCFCDE

■ FFFFDE

# Harmonies

## Analogous

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



007AED



6161DE



B63CB1

# Triad

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



6161DE



B95200



008A6C

# Complementary

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



6161DE



DEDE61

# 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.



00862A



6161DE



8B6D00

# Square

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



6161DE



D62D39



4D7E00



008BAB

# Rectangle

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



6161DE



D1208A



4D7E00



008957



# Sweetspot

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



6161DE



D4D4FF



61DEDE



666680



000000



808080



# Same Dimension

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



6161DE



5252FF



A061DE



656570



0000B0



000030



# Inverse Universe

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



DE61DE



FF52FF



A0DE61



706570



B000B0

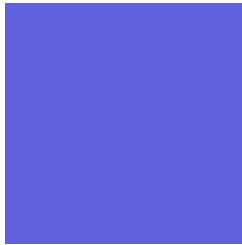


300030



# Previews

## White Background



This preview shows how the Hex color 6161DE looks on a white background.

## Color Contrast Check

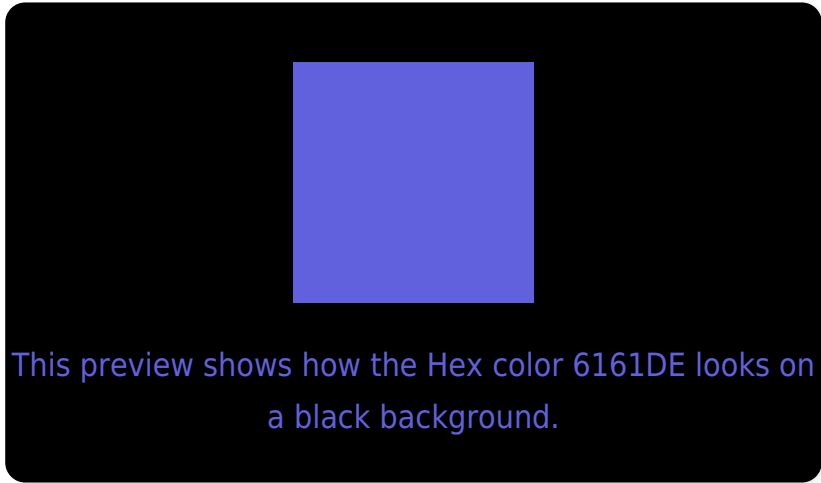
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

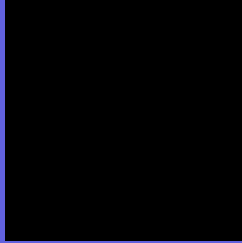
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6161DE Background



This preview shows how black text looks on a background with the Hex color 6161DE.

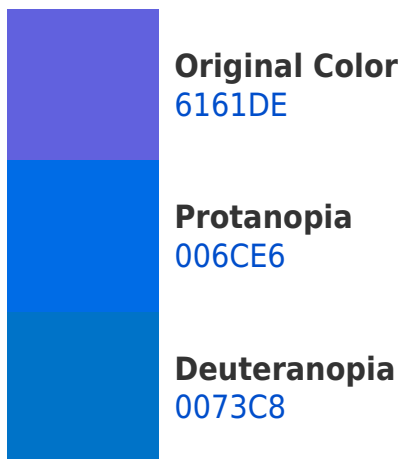


This preview shows how white text looks on a background with the Hex color 6161DE.

# 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](#).

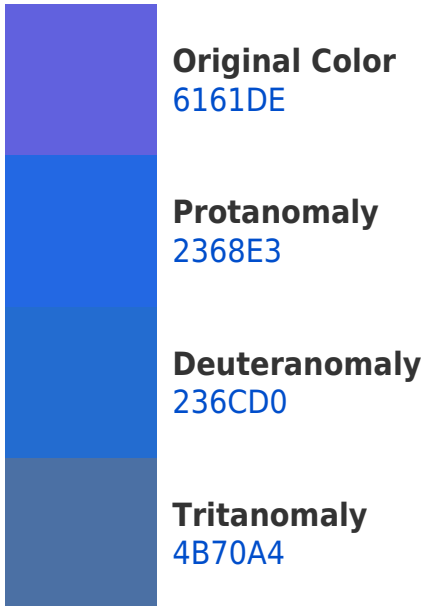
## Dichromacy



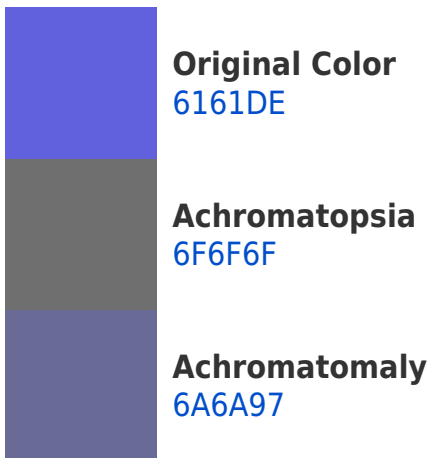


**Tritanopia**  
3E7983

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6161DE 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 #6161DE looks like.

```
.text, #text, p{  
    color:#6161DE  
}
```

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 #6161DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6161DE
}
```

## Border

The CSS property to change the border of an element to Hex 6161DE is called "border". The border property can be set on classes, ids or directly on the HTML element.

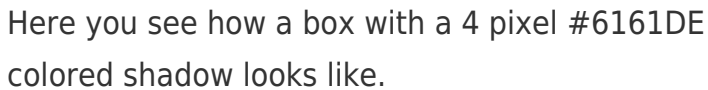
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6161DE }
```

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

```
.border{ border-color:#6161DE }
```

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



Here you see how a box with a 4 pixel #6161DE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6161DE; -webkit-box-shadow:4px 4px  
4px 4px #6161DE; box-shadow:4px 4px 4px  
4px #6161DE }
```

# Background

The CSS property to change the background color of an element to Hex 6161DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6161DE }
```

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

```
.background{ background-color:#6161DE }
```

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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