

# Converting Colors

Hex(6B16E1)

Have a look what the booklet for  
Hex(6B16E1) contains.

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**Color**

**Hex(6B16E1)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6B16E1
RGB	107, 22, 225
RGB Percent	42%, 9%, 88%
CMY	0.5804, 0.9137, 0.1176
CMYK	0.52, 0.90, 0.00, 0.12
HSL	265°, 82%, 48%
HSV	265°, 90%, 88%
XYZ	19.9409, 9.1359, 71.9466
YIQ	70.5570, -14.5030, 81.1530

# Conversions

## Conversions Part 2

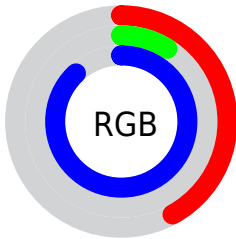
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	107, 22, 225
Decimal	7018209
CIE <sub>Lab</sub>	36.24, 71.91, -84.12
CIE <sub>LCh</sub>	36, 110.669, 310.525
Yxy	9.1359, 0.1974, 0.0904
Android (android.graphics.Color)	4285208289 (0xFF6B16E1)
<b>YUV</b>	70.5570, 76.1404, 31.9605
Hunter-Lab	30.2256, 64.8682, -119.9712

# Details

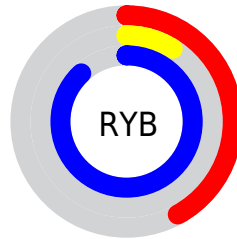
The Hex color **6B16E1** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **8CE116**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **AA54FF**, and **1E00A8** is the 20% darker color. If you saturate the color by 10%, you get **5E00E1**, and if you desaturate by 10%, it is **782DE1**.

# Distribution



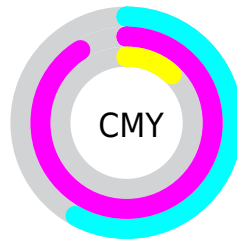
- Red (42%)
- Green (9%)
- Blue (88%)



- Red (42%)
- Yellow (9%)
- Blue (88%)



- Cyan (52%)
- Magenta (90%)
- Yellow (0%)
- Black (12%)



- Cyan (58%)
- Magenta (91%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6B16E1 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 6B16E1 by changing the saturation by 10% instead.



 6B16E1

 6B16E1

FFFFFF

 4900C4

 AA54FF

 1E00A8

 C870FF

 00008D

 E78CFF

 000072

 FFA8FF

 000358

 FFC5FF

 000740

 FFE2FF

 000329

 000113

 000000

■ 6B16E1

■ 6B16E1

■ 5E00E1

■ 782DE1

■ 8543E1

■ 925AE1

■ 9F70E1

■ AC87E1

■ B99DE1

■ C7B4E1

■ D4CAE1

■ E1E1E1

# Harmonies

## Analogous

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



005CFF



6B16E1



CC0093

# Triad

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



6B16E1



963700



007274

# Complementary

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



6B16E1



8CE116

# 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.



006F0C



6B16E1



4C5C00

# Square

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



6B16E1



CA0000



006A00



0074CB

# Rectangle

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



6B16E1



E00059



006A00



007155



# Sweetspot

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



6B16E1



D7BAFF



168CE1



685780



000000



808080



# Same Dimension

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



6B16E1



6B00FF



D016E1



6A6570



4A00B0



140030



# Inverse Universe

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



E1168C



FF0094



27E116



70656C



B00066

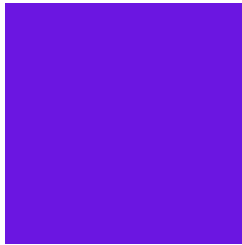


30001C



# Previews

## White Background



This preview shows how the Hex color 6B16E1 looks on a white background.

## Color Contrast Check

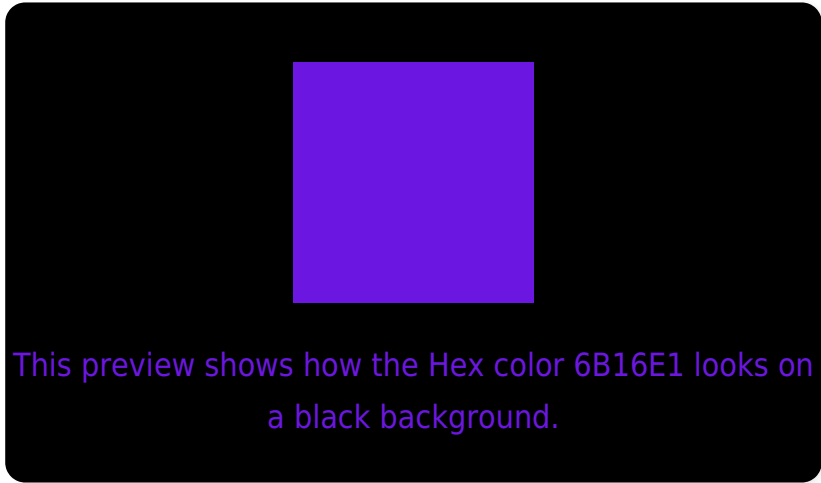
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

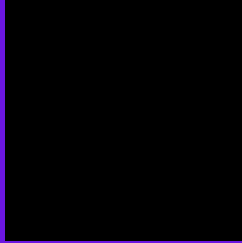
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6B16E1 Background



This preview shows how black text looks on a background with the Hex color 6B16E1.

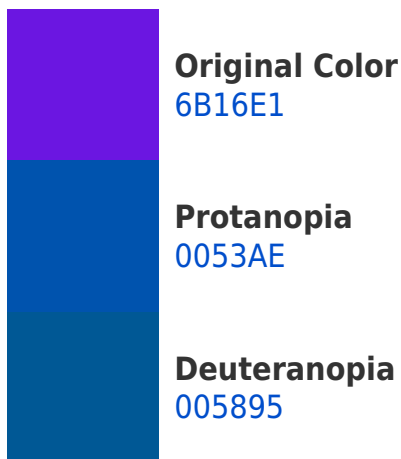



This preview shows how white text looks on a background with the Hex color 6B16E1.

# 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](#).

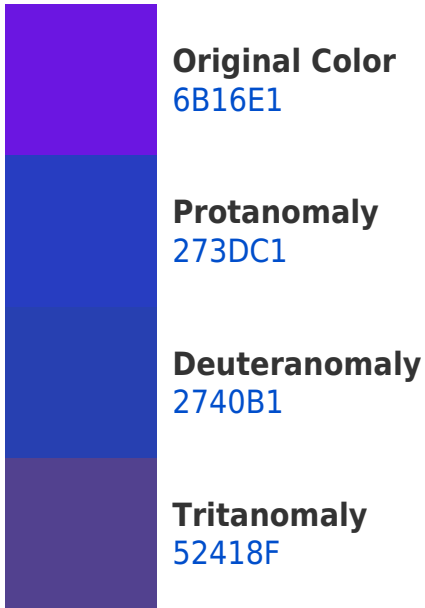
## Dichromacy





**Tritanopia**  
435960

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6B16E1 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 #6B16E1 looks like.

```
.text, #text, p{  
    color:#6B16E1  
}
```

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 #6B16E1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B16E1
}
```

## Border

The CSS property to change the border of an element to Hex 6B16E1 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
#6B16E1 }
```

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

```
.border{ border-color:#6B16E1 }
```

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

Here you see how a box with a 4 pixel #6B16E1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B16E1; -webkit-box-shadow:4px 4px  
4px 4px #6B16E1; box-shadow:4px 4px 4px  
4px #6B16E1 }
```

# Background

The CSS property to change the background color of an element to Hex 6B16E1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B16E1 }
```

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

```
.background{ background-color:#6B16E1 }
```

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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