

# Converting Colors

Hex(6E2CD3)

Have a look what the booklet for  
Hex(6E2CD3) contains.

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# Color

**Hex(6E2CD3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6E2CD3
RGB	110, 44, 211
RGB Percent	43%, 17%, 83%
CMY	0.5686, 0.8275, 0.1725
CMYK	0.48, 0.79, 0.00, 0.17
HSL	264°, 65%, 50%
HSV	264°, 79%, 83%
XYZ	19.0890, 9.8195, 62.5173
YIQ	82.7720, -14.2710, 65.9290

# Conversions

## Conversions Part 2

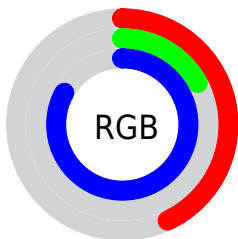
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	110, 44, 211
Decimal	7220435
CIE <sub>Lab</sub>	37.52, 62.13, -73.96
CIE <sub>LCh</sub>	38, 96.596, 310.034
Yxy	9.8195, 0.2088, 0.1074
Android (android.graphics.Color)	4285410515 (0xFF6E2CD3)
YUV	82.7720, 63.2164, 23.8790
Hunter-Lab	31.3361, 53.8984, -96.3516

# Details

The Hex color **6E2CD3** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark washed purple. A complement of this color would be **91D32C**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **AA62FF**, and **2C009B** is the 20% darker color. If you saturate the color by 10%, you get **6117D3**, and if you desaturate by 10%, it is **7B41D3**.

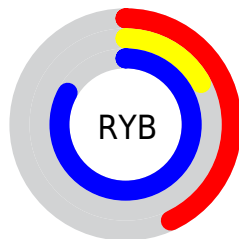
# Distribution



Red (43%)

Green (17%)

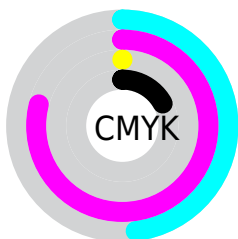
Blue (83%)



Red (43%)

Yellow (17%)

Blue (83%)

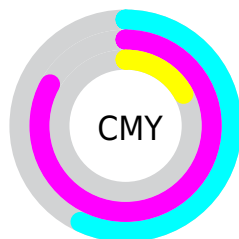


Cyan (48%)

Magenta (79%)

Yellow (0%)

Black (17%)



Cyan (57%)

Magenta (83%)

Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6E2CD3 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 6E2CD3 by changing the saturation by 10% instead.



 6E2CD3

 6E2CD3

FFFFFF

 4F0AB7

 AA62FF

 2C009B

 C87DFF

 000080

 E698FF

 000066

 FFB4FF

 00034D

 FFD0FF

 000535

 FFEDFF

 00021F

 000002

 000000

■ 6E2CD3

■ 6E2CD3

■ 6117D3

■ 7B41D3

■ 5402D3

■ 8856D3

■ 5300D3

■ 946BD3

■ A180D3

■ AE96D3

■ BBABD3

■ C7C0D3

■ D4D5D3

■ E1EAD3

# Harmonies

## Analogous

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



005DF7



6E2CD3



C1008F

# Triad

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



6E2CD3



953F00



007472

# Complementary

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



6E2CD3



91D32C

# 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.



00711B



6E2CD3



555E00

# Square

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



6E2CD3



C30000



006C00



0075BD

# Rectangle

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



6E2CD3



D4005C



006C00



007357



# Sweetspot

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



6E2CD3



DAC2FF



2C93D3



695B80



000000



808080



# Same Dimension

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



6E2CD3



6C0DFF



C02CD3



625E69



4300A8



100029



# Inverse Universe

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



D32C91



FF0D9F



3FD32C



695E64



A80066

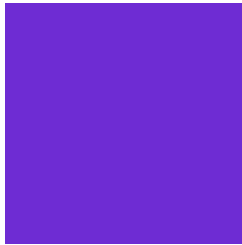


290019



# Previews

## White Background



This preview shows how the Hex color 6E2CD3 looks on a white background.

## Color Contrast Check

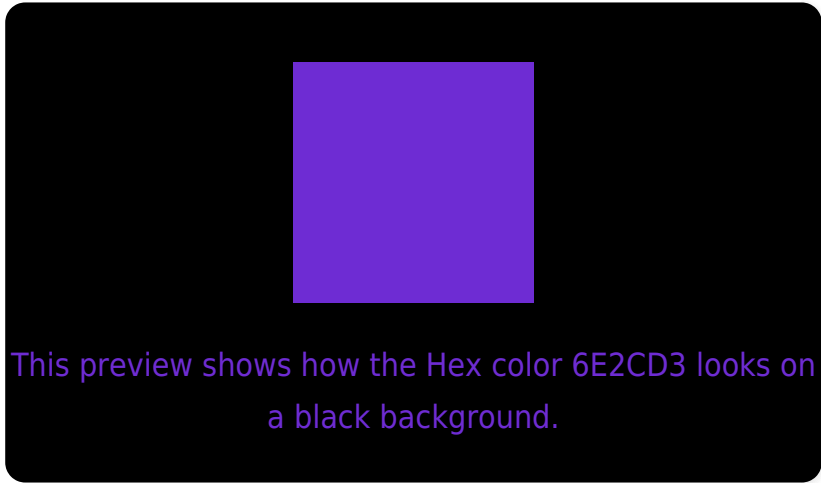
Large Text (above 18pt) WCAG AA ✓ Pass

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

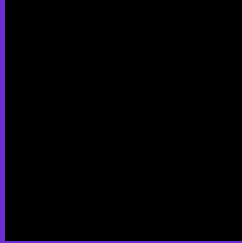
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6E2CD3 Background



This preview shows how black text looks on a background with the Hex color 6E2CD3.




This preview shows how white text looks on a background with the Hex color 6E2CD3.

# 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**  
505A61

# Trichromacy



**Original Color**  
6E2CD3



**Protanomaly**  
2846BF



**Deuteranomaly**  
284AAF



**Tritanomaly**  
5B498A

# Monochromacy



**Original Color**  
6E2CD3



**Achromatopsia**  
535353



**Achromatomaly**  
5D4582

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6E2CD3 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 #6E2CD3 looks like.

```
.text, #text, p{  
    color:#6E2CD3  
}
```

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 #6E2CD3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E2CD3
}
```

## Border

The CSS property to change the border of an element to Hex 6E2CD3 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
#6E2CD3 }
```

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

```
.border{ border-color:#6E2CD3 }
```

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

Here you see how a box with a 4 pixel #6E2CD3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E2CD3; -webkit-box-shadow:4px 4px  
4px 4px #6E2CD3; box-shadow:4px 4px 4px  
4px #6E2CD3 }
```

# Background

The CSS property to change the background color of an element to Hex 6E2CD3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E2CD3 }
```

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

```
.background{ background-color:#6E2CD3 }
```

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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