

# Converting Colors

Hex(6D0EE4)

Have a look what the booklet for  
Hex(6D0EE4) contains.

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**Color**

**Hex(6D0EE4)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6D0EE4
RGB	109, 14, 228
RGB Percent	43%, 5%, 89%
CMY	0.5725, 0.9451, 0.1059
CMYK	0.52, 0.94, 0.00, 0.11
HSL	267°, 88%, 47%
HSV	267°, 94%, 89%
XYZ	20.4673, 9.1667, 74.0894
YIQ	66.8010, -12.0740, 86.6940

# Conversions

## Conversions Part 2

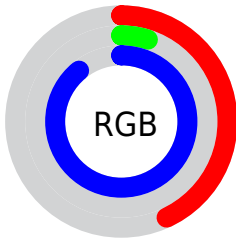
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	109, 14, 228
Decimal	7147236
CIE <sub>Lab</sub>	36.30, 74.25, -85.73
CIE <sub>LCh</sub>	36, 113.415, 310.894
Yxy	9.1667, 0.1973, 0.0884
Android (android.graphics.Color)	4285337316 (0xFF6D0EE4)
YUV	66.8010, 79.4711, 37.0085
Hunter-Lab	30.2766, 67.6839, -123.8940

# Details

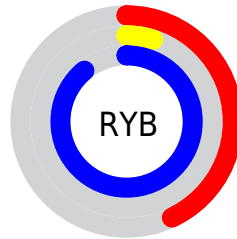
The Hex color **6D0EE4** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **85E40E**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **AC52FF**, and **2000AB** is the 20% darker color. If you saturate the color by 10%, you get **6500E4**, and if you desaturate by 10%, it is **7A25E4**.

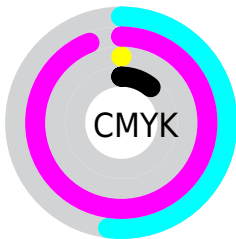
# Distribution



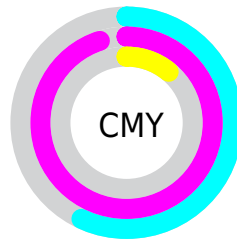
- Red (43%)
- Green (5%)
- Blue (89%)



- Red (43%)
- Yellow (5%)
- Blue (89%)



- Cyan (52%)
- Magenta (94%)
- Yellow (0%)
- Black (11%)



- Cyan (57%)
- Magenta (95%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6D0EE4 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 6D0EE4 by changing the saturation by 10% instead.



 6D0EE4

 6D0EE4

FFFFFF

 4B00C7

 AC52FF

 2000AB

 CB6EFF

 00008F

 EA8AFF

 000075

 FFA6FF

 00025B

 FFC3FF

 000742

 FFE0FF

 00032B

 FFFDFF

 000115

 000000

 6D0EE4

 6D0EE4

 6500E4

 7A25E4

 863CE4

 9352E4

 A069E4

 AC80E4

 B997E4

 C6AEE4

 D2C4E4

 DFDBE4

# Harmonies

## Analogous

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



005CFF



6D0EE4



CF0093

# Triad

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



6D0EE4



963700



007276

# Complementary

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



6D0EE4



85E40E

# 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.



00700B



6D0EE4



4A5D00

# Square

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



6D0EE4



CC0000



006B00



0075CF

# Rectangle

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



6D0EE4



E30058



006B00



007156



# Sweetspot

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



6D0EE4



D7B8FF



0E87E4



675480



000000



808080



# Same Dimension

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



6D0EE4



7100FF



D60EE4



6C6773



4F00B3



170033



# Inverse Universe

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



E40E85



FF008E



1CE40E



73676E



B30063

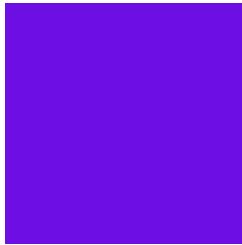


33001C



# Previews

## White Background



This preview shows how the Hex color 6D0EE4 looks on a white background.

## Color Contrast Check

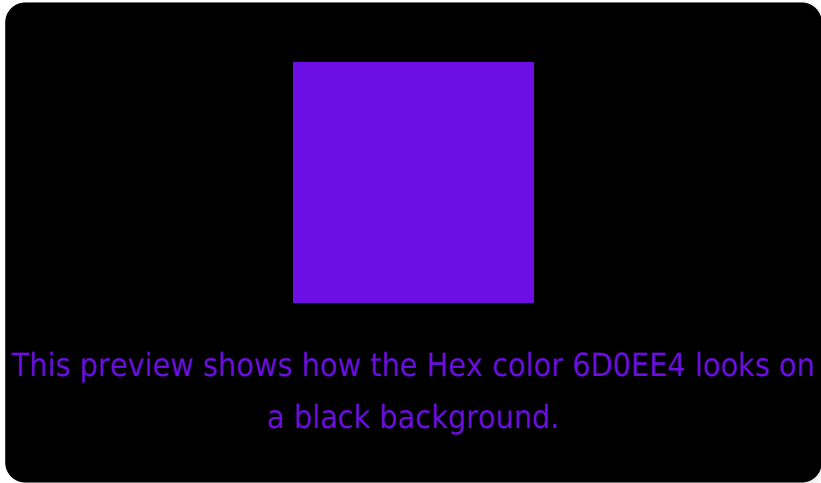
Large Text (above 18pt) WCAG AA ✓ Pass

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

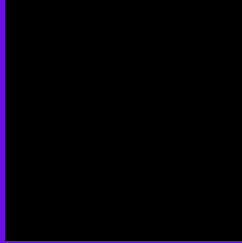
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6D0EE4 Background



This preview shows how black text looks on a background with the Hex color 6D0EE4.



This preview shows how white text looks on a background with the Hex color 6D0EE4.

# 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](#).

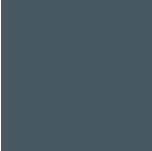
## Dichromacy



**Original Color**  
6D0EE4

**Protanopia**  
0053AF

**Deuteranopia**  
005995



**Tritanopia**  
455961

# Trichromacy



**Original Color**  
6D0EE4



**Protanomaly**  
283AC2



**Deuteranomaly**  
283EB2



**Tritanomaly**  
543E91

# Monochromacy



**Original Color**  
6D0EE4



**Achromatopsia**  
434343



**Achromatomaly**  
52307E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6D0EE4 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 #6D0EE4 looks like.

```
.text, #text, p{  
    color:#6D0EE4  
}
```

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 #6D0EE4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D0EE4
}
```

## Border

The CSS property to change the border of an element to Hex 6D0EE4 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".

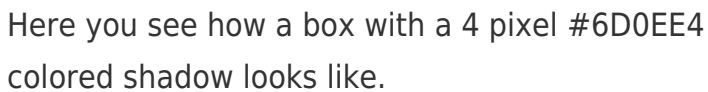
```
.border, #border, table{ border:4px solid
#6D0EE4 }
```

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

```
.border{ border-color:#6D0EE4 }
```

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

Here you see how a box with a 4 pixel #6D0EE4 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D0EE4; -webkit-box-shadow:4px 4px  
4px 4px #6D0EE4; box-shadow:4px 4px 4px  
4px #6D0EE4 }
```

# Background

The CSS property to change the background color of an element to Hex 6D0EE4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D0EE4 }
```

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

```
.background{ background-color:#6D0EE4 }
```

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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