

# Converting Colors

Hex(7060E1)

Have a look what the booklet for  
Hex(7060E1) contains.

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**Color**

**Hex(7060E1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7060E1
RGB	112, 96, 225
RGB Percent	44%, 38%, 88%
CMY	0.5608, 0.6235, 0.1176
CMYK	0.50, 0.57, 0.00, 0.12
HSL	247°, 68%, 63%
HSV	247°, 57%, 88%
XYZ	24.4556, 17.2467, 73.2742
YIQ	115.4900, -31.8730, 43.5110

# Conversions

## Conversions Part 2

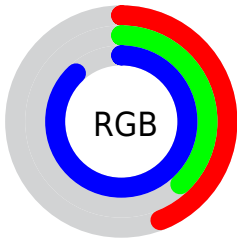
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	112, 96, 225
Decimal	7364833
CIE Lab	48.57, 39.70, -63.94
CIE LCh	49, 75.260, 301.837
Yxy	17.2467, 0.2127, 0.1500
Android (android.graphics.Color)	4285554913 (0xFF7060E1)
YUV	115.4900, 53.9884, -3.0607
Hunter-Lab	41.5292, 32.4384, -75.5410

# Details

The Hex color **7060E1** is a light color, and the websafe version is hex **6666FF**. A complement of this color would be **D1E160**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **AB93FF**, and **3131A9** is the 20% darker color. If you saturate the color by 10%, you get **5C49E1**, and if you desaturate by 10%, it is **8476E1**.

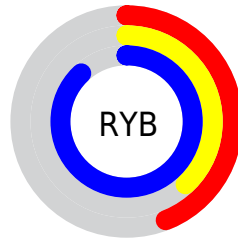
# Distribution



Red (44%)

Green (38%)

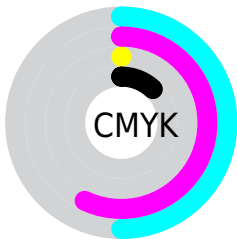
Blue (88%)



Red (44%)

Yellow (38%)

Blue (88%)

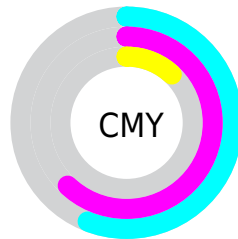


Cyan (50%)

Magenta (57%)

Yellow (0%)

Black (12%)



Cyan (56%)

Magenta (62%)

Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7060E1 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 7060E1 by changing the saturation by 10% instead.



■ 7060E1

■ 7060E1

FFFFFF

■ 5248C5

■ AB93FF

■ 3131A9

■ C8AEFF

■ 001B8E

■ E6CAFF

■ 000673

■ FFE6FF

■ 00005A

■ 000741

■ 00032A

■ 000114

■ 000000

■ 7060E1

■ 7060E1

■ 5C49E1

■ 8476E1

■ 4933E1

■ 978DE1

■ 351CE1

■ ABA3E1

■ 2106E1

■ BFBAE1

■ 1C00E1

■ D3D1E1

■ E6E7E1

■ FAFEE1

■ FFFFE1

# Harmonies

## Analogous

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



007BF4



7060E1



C038B1

# Triad

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



7060E1



BA5700



008E76

# Complementary

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



7060E1



D1E160

# 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.



008A32



7060E1



897200

# Square

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



7060E1



DA3134



478200



008EB5

# Rectangle

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



7060E1



D91A88



478200



008D5F



# Sweetspot

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



7060E1



D9D4FF



60D2E1



696680



000000



808080



# Same Dimension

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



7060E1



654FFF



B060E1



666570



1600B0



060030



# Inverse Universe

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



E160D1



FF4FE9



91E160



70656F



B0009A

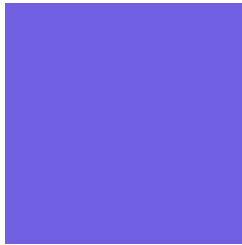


30002A



# Previews

## White Background



This preview shows how the Hex color 7060E1 looks on a white background.

## Color Contrast Check

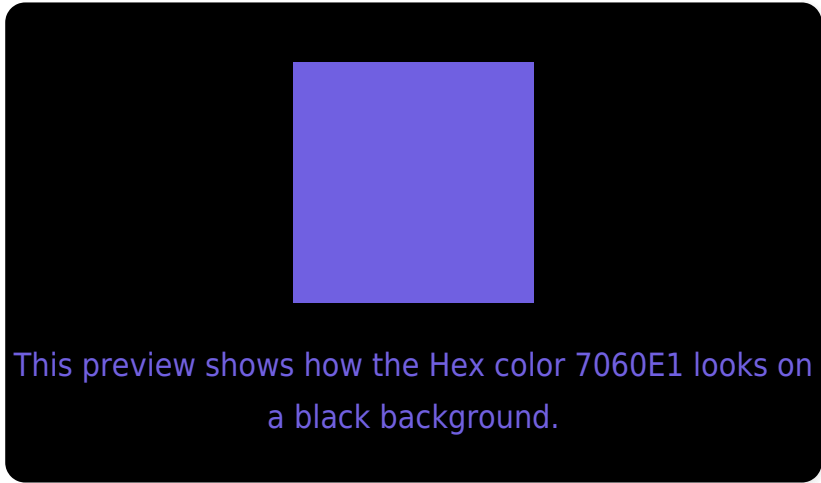
Large Text (above 18pt) WCAG AA ✓ Pass

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

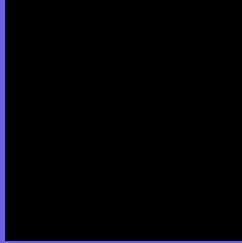
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7060E1 Background



This preview shows how black text looks on a background with the Hex color 7060E1.



This preview shows how white text looks on a background with the Hex color 7060E1.

# 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](#).

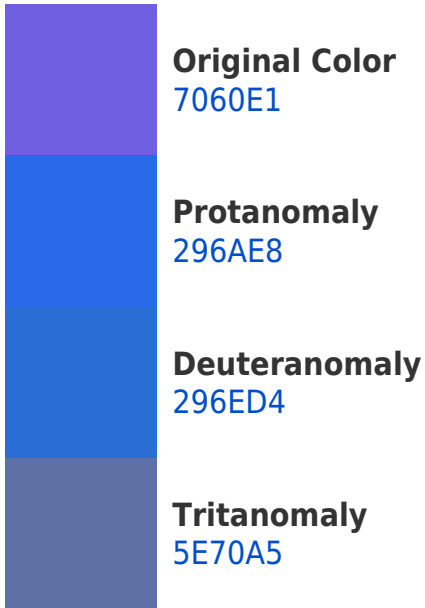
## Dichromacy





**Tritanopia**  
537983

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7060E1 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 #7060E1 looks like.

```
.text, #text, p{  
    color:#7060E1  
}
```

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 #7060E1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7060E1
}
```

## Border

The CSS property to change the border of an element to Hex 7060E1 is called "border". The border property can be set on classes, ids or directly on the HTML element.

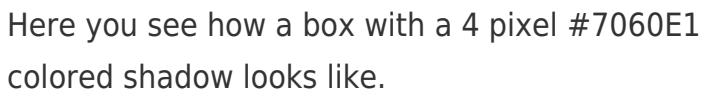
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7060E1 }
```

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

```
.border{ border-color:#7060E1 }
```

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



Here you see how a box with a 4 pixel #7060E1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7060E1; -webkit-box-shadow:4px 4px  
4px 4px #7060E1; box-shadow:4px 4px 4px  
4px #7060E1 }
```

# Background

The CSS property to change the background color of an element to Hex 7060E1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7060E1 }
```

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

```
.background{ background-color:#7060E1 }
```

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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