

# Converting Colors

Hex(6D71E7)

Have a look what the booklet for  
Hex(6D71E7) contains.

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# **Color**

**Hex(6D71E7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6D71E7
RGB	109, 113, 231
RGB Percent	43%, 44%, 91%
CMY	0.5725, 0.5569, 0.0941
CMYK	0.53, 0.51, 0.00, 0.09
HSL	238°, 72%, 67%
HSV	238°, 53%, 91%
XYZ	26.6356, 20.8310, 78.2182
YIQ	125.2560, -40.2620, 35.8500

# Conversions

## Conversions Part 2

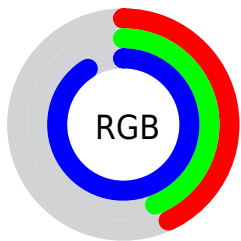
Format	Color
<b>RYB</b>	109, 113, 231
Decimal	7172583
CIELab	52.76, 30.80, -60.56
CIELCh	53, 67.945, 296.958
Yxy	20.8310, 0.2119, 0.1657
Android (android.graphics.Color)	4285362663 (0xFF6D71E7)
YUV	125.2560, 52.1318, -14.2565
Hunter-Lab	45.6410, 24.2991, -69.6609

# Details

The Hex color **6D71E7** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **E7E36D**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **A8A5FF**, and **2C41AF** is the 20% darker color. If you saturate the color by 10%, you get **565BE7**, and if you desaturate by 10%, it is **8487E7**.

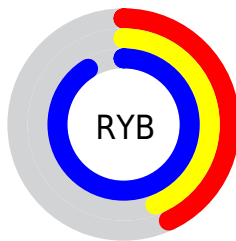
# Distribution



Red (43%)

Green (44%)

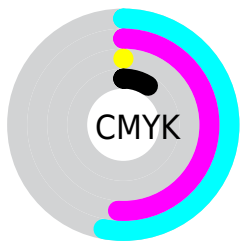
Blue (91%)



Red (43%)

Yellow (44%)

Blue (91%)

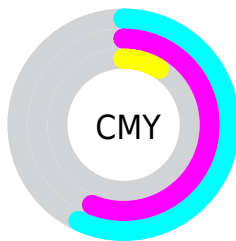


Cyan (53%)

Magenta (51%)

Yellow (0%)

Black (9%)



Cyan (57%)

Magenta (56%)

Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6D71E7 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 6D71E7 by changing the saturation by 10% instead.





6D71E7



6D71E7

FFFFFF



4F59CA



A8A5FF



2C41AF



C5C0FF



002B93



E3DCFF



001779



FFF8FF



00005F



000847



00042F



00011A



000000

 6D71E7

 6D71E7

 565BE7


 8487E7

 3F44E7

 9B9EE7

 282EE7

 B2B4E7

 1118E7

 C9CAE7

 0008E7

 E1E1E7

 F8F7E7

 FFFFE7

# Harmonies

## Analogous

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



0087F3



6D71E7



BD53BF

# Triad

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



6D71E7



C86114



009776

# Complementary

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



6D71E7



E7E36D

# 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.



009339



6D71E7



9D7900

# Square

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



6D71E7



E1454D



648A00



0098B1

# Rectangle

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



6D71E7



D9419A



648A00



009662



# Sweetspot

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



6D71E7



D6D8FF



6DE7E3



676880



000000



808080



# Same Dimension

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



6D71E7



5E64FF



A66DE7



676873



0006B3



000233



# Inverse Universe

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



E76D71



FF5E64



AEE76D



736768



B30006

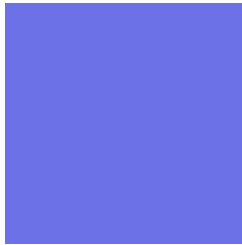


330002



# Previews

## White Background



This preview shows how the Hex color 6D71E7 looks on a white background.

## Color Contrast Check

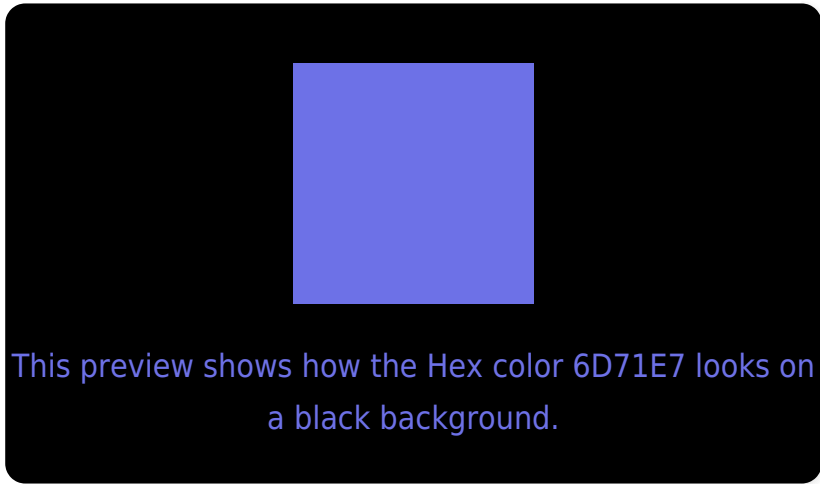
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

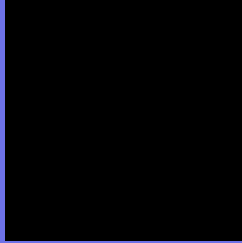
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 6D71E7 Background



This preview shows how black text looks on a background with the Hex color 6D71E7.

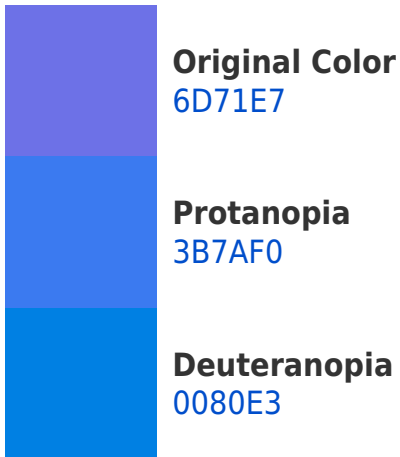



This preview shows how white text looks on a background with the Hex color 6D71E7.

# 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](#).


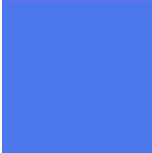
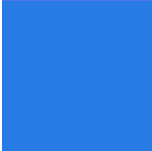

## Dichromacy





**Tritanopia**  
508691

# Trichromacy

	<b>Original Color</b> 6D71E7
	<b>Protanomaly</b> 4D77ED
	<b>Deuteranomaly</b> 287BE4
	<b>Tritanomaly</b> 5B7EB0

# Monochromacy

	<b>Original Color</b> 6D71E7
	<b>Achromatopsia</b> 7D7D7D
	<b>Achromatomaly</b> 7779A4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6D71E7 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 #6D71E7 looks like.

```
.text, #text, p{
  color:#6D71E7
}
```

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 #6D71E7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D71E7 }
}
```

## Border

The CSS property to change the border of an element to Hex 6D71E7 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 #6D71E7 }
}
```

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

```
.border{ border-color:#6D71E7 }
```

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

Here you see how a box with a 4 pixel #6D71E7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D71E7; -webkit-box-shadow:4px 4px  
4px 4px #6D71E7; box-shadow:4px 4px 4px  
4px #6D71E7 }
```

# Background

The CSS property to change the background color of an element to Hex 6D71E7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D71E7 }
```

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

```
.background{ background-color:#6D71E7 }
```

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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