

Converting Colors

Hex(6D70E4)

Have a look what the booklet for
Hex(6D70E4) contains.

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Color

Hex(6D70E4)

Conversions

Conversions Part 1

Format	Color
Hex	6D70E4
RGB	109, 112, 228
RGB Percent	43%, 44%, 89%
CMY	0.5725, 0.5608, 0.1059
CMYK	0.52, 0.51, 0.00, 0.11
HSL	238°, 69%, 66%
HSV	238°, 52%, 89%
XYZ	26.1044, 20.4410, 75.9684
YIQ	124.3270, -39.0240, 35.4400

Conversions

Conversions Part 2

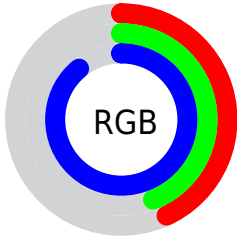
Format	Color
R _Y B	109, 112, 228
Decimal	7172324
CIE Lab	52.33, 30.47, -59.57
CIE LCh	52, 66.914, 297.091
Yxy	20.4410, 0.2131, 0.1668
Android (android.graphics.Color)	4285362404 (0xFF6D70E4)
YUV	124.3270, 51.1108, -13.4418
Hunter-Lab	45.2117, 23.9422, -67.9757

Details

The Hex color **6D70E4** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **E4E16D**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **A8A4FF**, and **2D40AC** is the 20% darker color. If you saturate the color by 10%, you get **565AE4**, and if you desaturate by 10%, it is **8486E4**.

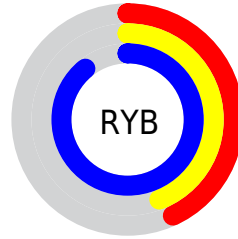
Distribution



Red (43%)

Green (44%)

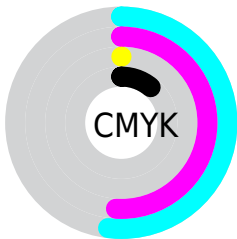
Blue (89%)



Red (43%)

Yellow (44%)

Blue (89%)

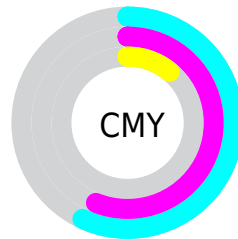


Cyan (52%)

Magenta (51%)

Yellow (0%)

Black (11%)



Cyan (57%)

Magenta (56%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D70E4 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 6D70E4 by changing the saturation by 10% instead.

■ 6D70E4

■ 6D70E4

FFFFFF

■ 4F58C8

■ A8A4FF

■ 2D40AC

■ C5BFFF

■ 002B91

■ E3DBFF

■ 001776

■ FFF7FF

■ 00005D

■ 000844

■ 00032D

■ 000117

■ 000000

■ 6D70E4

■ 6D70E4

■ 565AE4

■ 8486E4

■ 3F44E4

■ 9B9CE4

■ 292DE4

■ B1B3E4

■ 1217E4

■ C8C9E4

■ 0006E4

■ DFDFE4

■ F6F5E4

■ FFFFE4

Harmonies

Analogous

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



0086F0



6D70E4



BC53BC

Triad

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



6D70E4



C66015



009675

Complementary

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



6D70E4



E4E16D

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.



00923A



6D70E4



9B7800

Square

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



6D70E4



DF454C



638900



0096B0

Rectangle

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



6D70E4



D64198



638900



009561

Sweetspot

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



6D70E4



D6D7FF



6DE4E0



676880



000000



808080

Same Dimension

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



6D70E4



5E62FF



A56DE4



676873



0004B3



000133

Inverse Universe

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



E46D70



FF5E62



ACE46D



736768



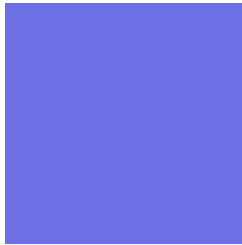
B30004



330001

Previews

White Background



This preview shows how the Hex color 6D70E4 looks on a white background.

Color Contrast Check

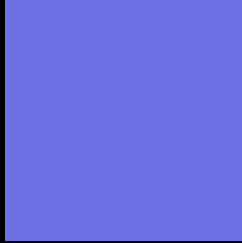
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Hex color 6D70E4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

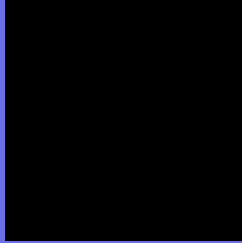
Any Text WCAG AA ✓ Pass

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 6D70E4 Background



This preview shows how black text looks on a background with the Hex color 6D70E4.

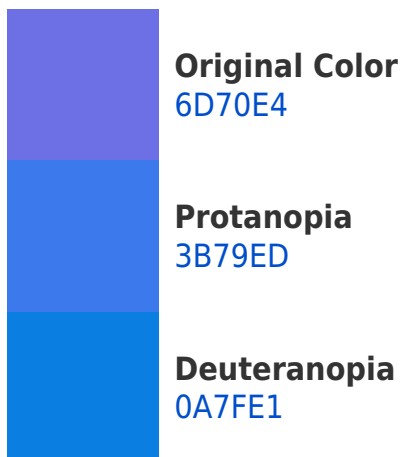



This preview shows how white text looks on a background with the Hex color 6D70E4.

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](#).

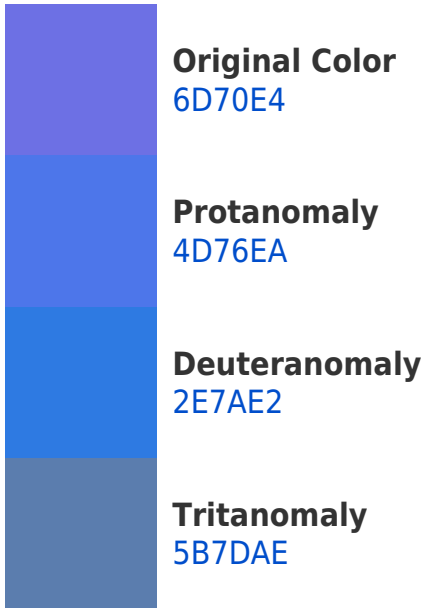
Dichromacy





Tritanopia
51858F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6D70E4 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 #6D70E4 looks like.

```
.text, #text, p{  
    color:#6D70E4  
}
```

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 #6D70E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D70E4
}
```

Border

The CSS property to change the border of an element to Hex 6D70E4 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
#6D70E4 }
```

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

```
.border{ border-color:#6D70E4 }
```

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

Here you see how a box with a 4 pixel #6D70E4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D70E4; -webkit-box-shadow:4px 4px  
4px 4px #6D70E4; box-shadow:4px 4px 4px  
4px #6D70E4 }
```

Background

The CSS property to change the background color of an element to Hex 6D70E4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D70E4 }
```

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

```
.background{ background-color:#6D70E4 }
```

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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