

Converting Colors

Hex(6B64EA)

Have a look what the booklet for
Hex(6B64EA) contains.

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Color

Hex(6B64EA)

Conversions

Conversions Part 1

Format	Color
Hex	6B64EA
RGB	107, 100, 234
RGB Percent	42%, 39%, 92%
CMY	0.5804, 0.6078, 0.0824
CMYK	0.54, 0.57, 0.00, 0.08
HSL	243°, 76%, 65%
HSV	243°, 57%, 92%
XYZ	25.4719, 18.1807, 80.0086
YIQ	117.3690, -38.8420, 43.1580

Conversions

Conversions Part 2

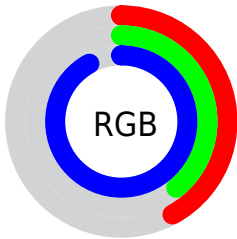
Format	Color
R_{YB}	107, 100, 234
Decimal	7038186
CIE _{Lab}	49.71, 39.11, -67.18
CIE _{LCh}	50, 77.732, 300.208
Yxy	18.1807, 0.2060, 0.1470
Android (android.graphics.Color)	4285228266 (0xFF6B64EA)
YUV	117.3690, 57.4991, -9.0936
Hunter-Lab	42.6388, 32.0157, -81.4063

Details

The Hex color **6B64EA** is a dark color, and the websafe version is hex **6666FF**. A complement of this color would be **E3EA64**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **A797FF**, and **2635B1** is the 20% darker color. If you saturate the color by 10%, you get **554DEA**, and if you desaturate by 10%, it is **817BEA**.

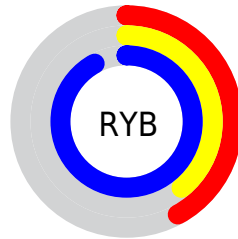
Distribution



Red (42%)

Green (39%)

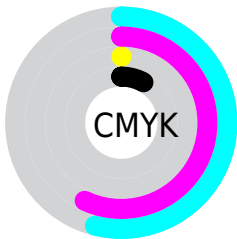
Blue (92%)



Red (42%)

Yellow (39%)

Blue (92%)

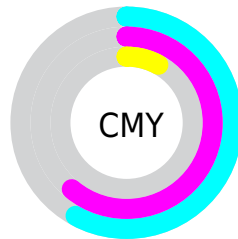


Cyan (54%)

Magenta (57%)

Yellow (0%)

Black (8%)



Cyan (58%)

Magenta (61%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B64EA 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 6B64EA by changing the saturation by 10% instead.

■ 6B64EA

■ 6B64EA

FFFFFF

■ 4B4CCD

■ A797FF

■ 2635B1

■ C5B2FF

■ 001F96

■ E3CEFF

■ 000B7B

■ FFEAFF

■ 000062

■ 000949

■ 000431

■ 00011B

■ 000000

■ 6B64EA

■ 6B64EA

■ 554DEA

■ 817BEA

■ 3F35EA

■ 9793EA

■ 281EEA

■ AEAAEA

■ 1206EA

■ C4C2EA

■ 0C00EA

■ DAD9EA

■ F0F0EA

■ FFFFEA

Harmonies

Analogous

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



007FFC



6B64EA



C33BB9

Triad

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



6B64EA



C15700



009275

Complementary

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



6B64EA



E3EA64

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.



008E2E



6B64EA



8F7400

Square

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



6B64EA



E12D38



4C8500



0092B8

Rectangle

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



6B64EA



DE188F



4C8500



00915E

Sweetspot

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



6B64EA



D6D4FF



64E3EA



676680



000000



808080

Same Dimension

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



6B64EA



584FFF



AE64EA



6A6A75



0900B5



030036

Inverse Universe

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



EA64E3



FF4FF6



A0EA64



756A75



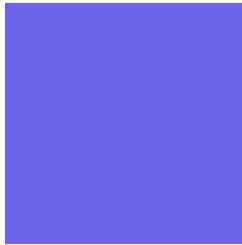
B500AC



360033

Previews

White Background



This preview shows how the Hex color 6B64EA looks on a white background.

Color Contrast Check

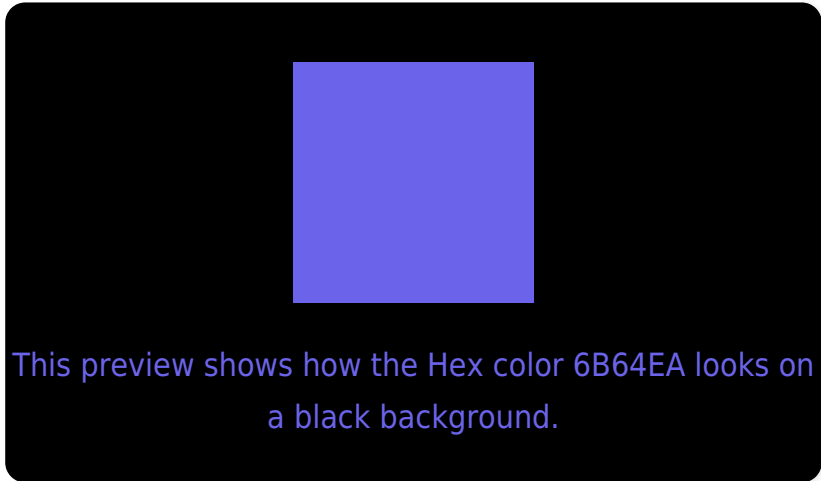
Large Text (above 18pt) WCAG AA ✓ Pass

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

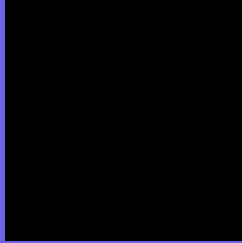
Any Text WCAG AA ✓ Pass

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 6B64EA Background



This preview shows how black text looks on a background with the Hex color 6B64EA.



This preview shows how white text looks on a background with the Hex color 6B64EA.

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](#).

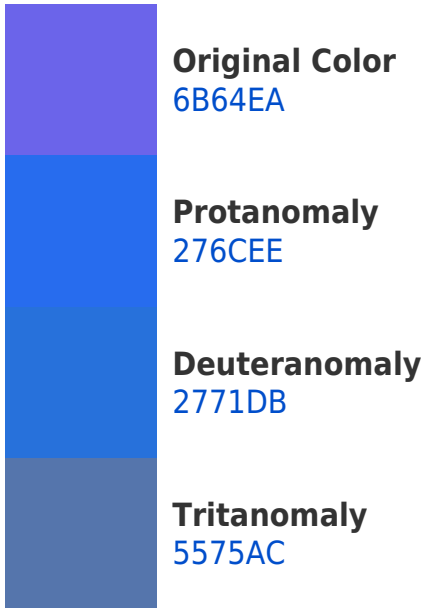
Dichromacy



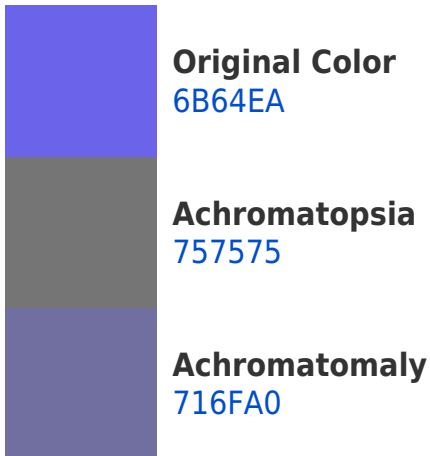


Tritanopia
497E88

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6B64EA 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 #6B64EA looks like.

```
.text, #text, p{  
    color:#6B64EA  
}
```

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 #6B64EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B64EA
}
```

Border

The CSS property to change the border of an element to Hex 6B64EA 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
#6B64EA }
```

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

```
.border{ border-color:#6B64EA }
```

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

Here you see how a box with a 4 pixel #6B64EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B64EA; -webkit-box-shadow:4px 4px  
4px 4px #6B64EA; box-shadow:4px 4px 4px  
4px #6B64EA }
```

Background

The CSS property to change the background color of an element to Hex 6B64EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B64EA }
```

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

```
.background{ background-color:#6B64EA }
```

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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