

Converting Colors

Hex(6B66EA)

Have a look what the booklet for
Hex(6B66EA) contains.

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Color

Hex(6B66EA)

Conversions

Conversions Part 1

Format	Color
Hex	6B66EA
RGB	107, 102, 234
RGB Percent	42%, 40%, 92%
CMY	0.5804, 0.6000, 0.0824
CMYK	0.54, 0.56, 0.00, 0.08
HSL	242°, 76%, 66%
HSV	242°, 56%, 92%
XYZ	25.6661, 18.5691, 80.0733
YIQ	118.5430, -39.3920, 42.1120

Conversions

Conversions Part 2

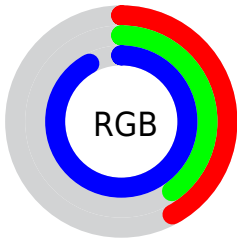
Format	Color
RYB	107, 102, 234
Decimal	7038698
CIELab	50.18, 37.92, -66.42
CIELCh	50, 76.488, 299.724
Yxy	18.5691, 0.2065, 0.1494
Android (android.graphics.Color)	4285228778 (0xFF6B66EA)
YUV	118.5430, 56.9203, -10.1232
Hunter-Lab	43.0918, 30.9063, -80.0085

Details

The Hex color **6B66EA** is a dark color, and the websafe version is hex **6666FF**. A complement of this color would be **E5EA66**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **A799FF**, and **2637B1** is the 20% darker color. If you saturate the color by 10%, you get **544FEA**, and if you desaturate by 10%, it is **827DEA**.

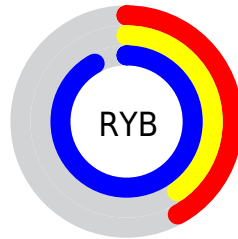
Distribution



Red (42%)

Green (40%)

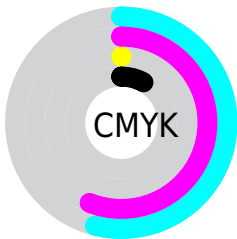
Blue (92%)



Red (42%)

Yellow (40%)

Blue (92%)

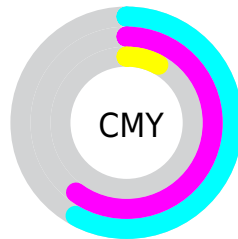


Cyan (54%)

Magenta (56%)

Yellow (0%)

Black (8%)



Cyan (58%)

Magenta (60%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B66EA 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 6B66EA by changing the saturation by 10% instead.

■ 6B66EA

■ 6B66EA

FFFFFF

■ 4B4ECD

■ A799FF

■ 2637B1

■ C5B4FF

■ 002196

■ E3D0FF

■ 000D7B

■ FFECFF

■ 000062

■ 000949

■ 000431

■ 00011B

■ 000000

■ 6B66EA

■ 6B66EA

■ 544FEA

■ 827DEA

■ 3E37EA

■ 9895EA

■ 2720EA

■ AFACEA

■ 1108EA

■ C5C4EA

■ 0900EA

■ DCDBEA

■ F2F2EA

■ FFFFEA

Harmonies

Analogous

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



0080FB



6B66EA



C23FBA

Triad

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



6B66EA



C35900



009275

Complementary

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



6B66EA



E5EA66

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.



008F2F



6B66EA



917500

Square

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



6B66EA



E1313B



508600



0093B7

Rectangle

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



6B66EA



DE2191



508600



00925E

Sweetspot

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



6B66EA



D5D4FF



66E6EA



676680



000000



808080

Same Dimension

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



6B66EA



5852FF



AC66EA



6A6A75



0700B5



020036

Inverse Universe

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



EA66E5



FF52F8



A4EA66



756A75



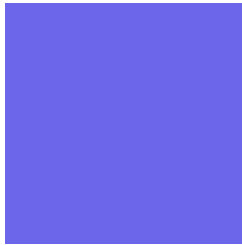
B500AE



360034

Previews

White Background



This preview shows how the Hex color 6B66EA looks on a white background.

Color Contrast Check

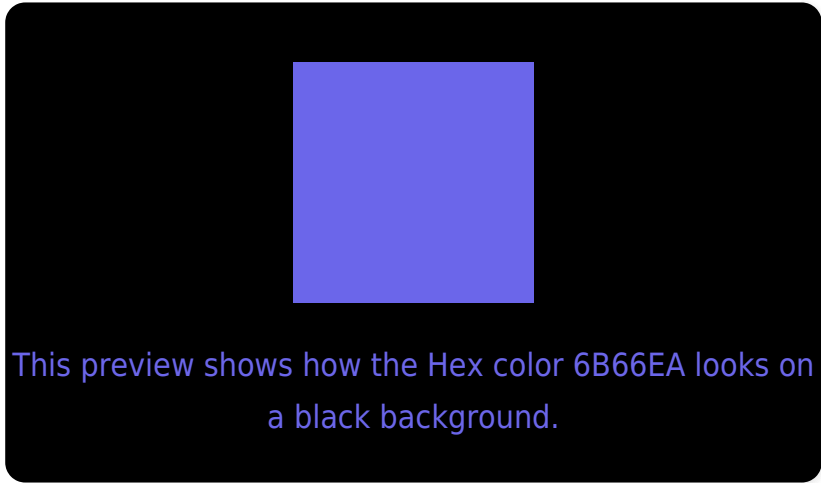
Large Text (above 18pt) WCAG AA ✓ Pass

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

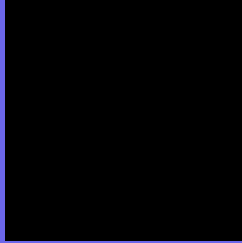
Any Text WCAG AA ✓ Pass

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 6B66EA Background



This preview shows how black text looks on a background with the Hex color 6B66EA.

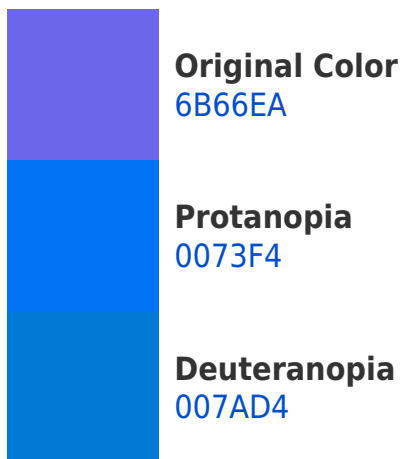


This preview shows how white text looks on a background with the Hex color 6B66EA.

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](#).

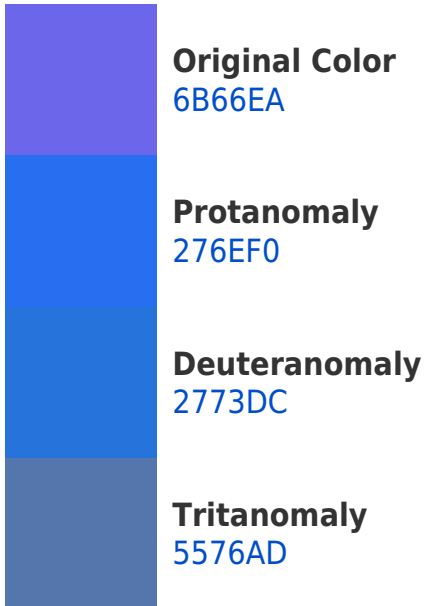
Dichromacy





Tritanopia
497F8A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6B66EA 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 #6B66EA looks like.

```
.text, #text, p{  
    color:#6B66EA  
}
```

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 #6B66EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B66EA
}
```

Border

The CSS property to change the border of an element to Hex 6B66EA 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
#6B66EA }
```

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

```
.border{ border-color:#6B66EA }
```

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

Here you see how a box with a 4 pixel #6B66EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B66EA; -webkit-box-shadow:4px 4px  
4px 4px #6B66EA; box-shadow:4px 4px 4px  
4px #6B66EA }
```

Background

The CSS property to change the background color of an element to Hex 6B66EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B66EA }
```

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

```
.background{ background-color:#6B66EA }
```

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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