

# Converting Colors

Hex(6B11EB)

Have a look what the booklet for  
Hex(6B11EB) contains.

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**Color**

**Hex(6B11EB)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6B11EB
RGB	107, 17, 235
RGB Percent	42%, 7%, 92%
CMY	0.5804, 0.9333, 0.0784
CMYK	0.54, 0.93, 0.00, 0.08
HSL	265°, 87%, 49%
HSV	265°, 93%, 92%
XYZ	21.2592, 9.5249, 79.3153
YIQ	68.7620, -16.3380, 86.8780

# Conversions

## Conversions Part 2

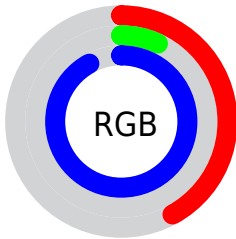
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	107, 17, 235
Decimal	7016939
CIE Lab	36.98, 75.17, -88.62
CIE LCh	37, 116.202, 310.305
Yxy	9.5249, 0.1931, 0.0865
Android (android.graphics.Color)	4285207019 (0xFF6B11EB)
YUV	68.7620, 81.9553, 33.5347
Hunter-Lab	30.8624, 68.9489, -130.7697

# Details

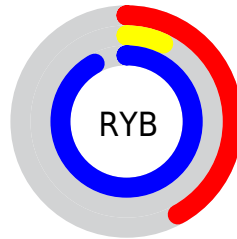
The Hex color **6B11EB** is a dark color, and the websafe version is hex **6633FF**. The color can be described as dark washed purple. A complement of this color would be **91EB11**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **AB53FF**, and **1700B2** is the 20% darker color. If you saturate the color by 10%, you get **6100EB**, and if you desaturate by 10%, it is **7928EB**.

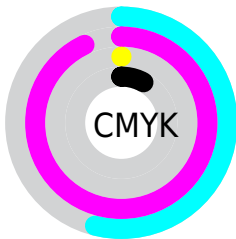
# Distribution



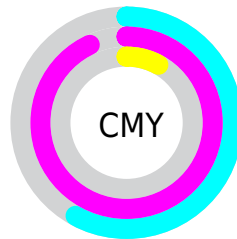
- Red (42%)
- Green (7%)
- Blue (92%)



- Red (42%)
- Yellow (7%)
- Blue (92%)



- Cyan (54%)
- Magenta (93%)
- Yellow (0%)
- Black (8%)



- Cyan (58%)
- Magenta (93%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6B11EB 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 6B11EB by changing the saturation by 10% instead.



 6B11EB

 6B11EB

FFFFFF

 4800CE

 AB53FF

 1700B2

 CA6FFF

 000096

 E98BFF

 00007B

 FFA7FF

 000161

 FFC4FF

 000848

 FFE1FF

 000430

 00011B

 000000

■ 6B11EB

■ 6B11EB

■ 6100EB

■ 7928EB

■ 8740EB

■ 9457EB

■ A26FEB

■ B087EB

■ BE9EEB

■ CCB5EB

■ D9CDEB

■ E7E4EB

# Harmonies

## Analogous

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



005FFF



6B11EB



D30099

# Triad

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



6B11EB



9A3700



007477

# Complementary

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



6B11EB



91EB11

# 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.



007206



6B11EB



4D5E00

# Square

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



6B11EB



D10000



006D00



0077D2

# Rectangle

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



6B11EB



E8005B



006D00



007356



# Sweetspot

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



6B11EB



D5B8FF



1194EB



665480



000000



808080



# Same Dimension

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



6B11EB



6900FF



D511EB



6E6A75



4B00B5



160036



# Inverse Universe

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



EB1191



FF0096



27EB11



756A70



B5006A

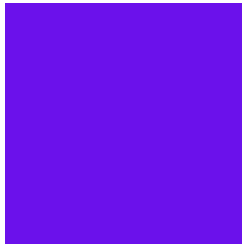


36001F



# Previews

## White Background



This preview shows how the Hex color 6B11EB looks on a white background.

## Color Contrast Check

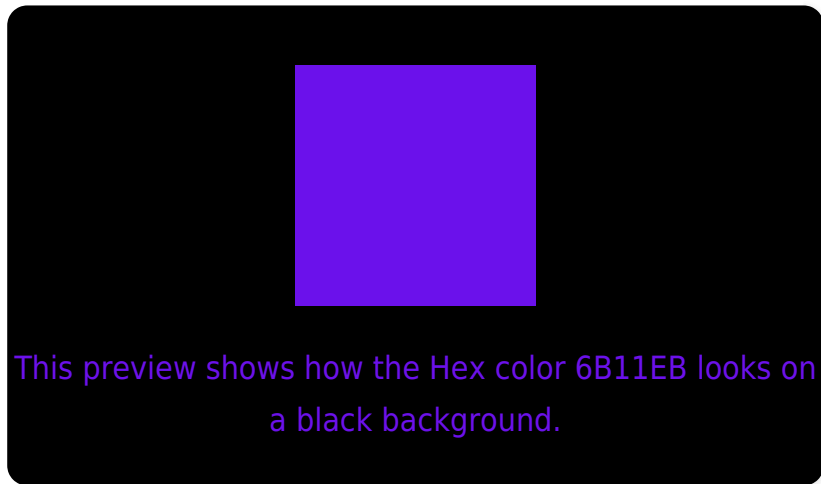
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

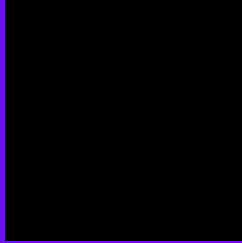
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6B11EB Background



This preview shows how black text looks on a background with the Hex color 6B11EB.

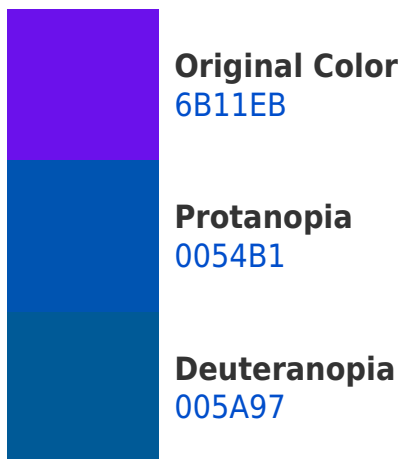



This preview shows how white text looks on a background with the Hex color 6B11EB.

# 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**  
3D5C64

# Trichromacy



**Original Color**  
6B11EB



**Protanomaly**  
273CC6



**Deuteranomaly**  
273FB6



**Tritanomaly**  
4E4195

# Monochromacy



**Original Color**  
6B11EB



**Achromatopsia**  
454545



**Achromatomaly**  
533281

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6B11EB 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 #6B11EB looks like.

```
.text, #text, p{  
    color:#6B11EB  
}
```

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 #6B11EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B11EB
}
```

## Border

The CSS property to change the border of an element to Hex 6B11EB 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".

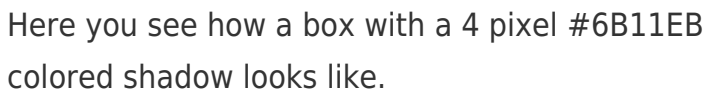
```
.border, #border, table{ border:4px solid
#6B11EB }
```

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

```
.border{ border-color:#6B11EB }
```

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

Here you see how a box with a 4 pixel #6B11EB colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B11EB; -webkit-box-shadow:4px 4px  
4px 4px #6B11EB; box-shadow:4px 4px 4px  
4px #6B11EB }
```

# Background

The CSS property to change the background color of an element to Hex 6B11EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B11EB }
```

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

```
.background{ background-color:#6B11EB }
```

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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