

Converting Colors

Hex(6B3BDA)

Have a look what the booklet for
Hex(6B3BDA) contains.

Hex(6B3BDA)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	28

Color

Hex(6B3BDA)

Conversions

Conversions Part 1

Format	Color
Hex	6B3BDA
RGB	107, 59, 218
RGB Percent	42%, 23%, 85%
CMY	0.5804, 0.7686, 0.1451
CMYK	0.51, 0.73, 0.00, 0.15
HSL	258°, 68%, 54%
HSV	258°, 73%, 85%
XYZ	20.2823, 11.3157, 67.4448
YIQ	91.4780, -22.4310, 59.6250

Conversions

Conversions Part 2

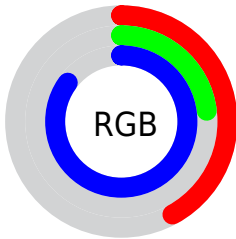
Format	Color
R _Y B	107, 59, 218
Decimal	7027674
CIE Lab	40.11, 56.95, -73.75
CIE LCh	40, 93.178, 307.673
Yxy	11.3157, 0.2048, 0.1143
Android (android.graphics.Color)	4285217754 (0xFF6B3BDA)
YUV	91.4780, 62.3753, 13.6128
Hunter-Lab	33.6388, 48.7573, -95.3276

Details

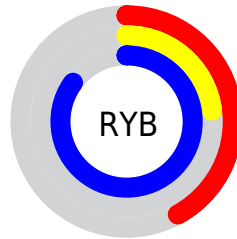
The Hex color **6B3BDA** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted purple. A complement of this color would be **AADA3B**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **A76FFF**, and **2600A2** is the 20% darker color. If you saturate the color by 10%, you get **5C25DA**, and if you desaturate by 10%, it is **7A51DA**.

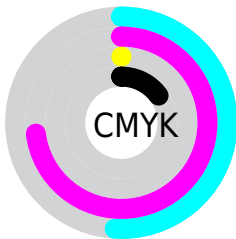
Distribution



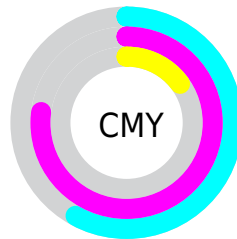
- Red (42%)
- Green (23%)
- Blue (85%)



- Red (42%)
- Yellow (23%)
- Blue (85%)



- Cyan (51%)
- Magenta (73%)
- Yellow (0%)
- Black (15%)



- Cyan (58%)
- Magenta (77%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B3BDA 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 6B3BDA by changing the saturation by 10% instead.

 6B3BDA

 6B3BDA


FFFFFF

 4B21BE

 A76FFF

 2600A2

 C589FF

 000087

 E4A4FF

 00006C

 FFC0FF

 000053

 FFDDFF

 00063B

 FFFAFF

 000224

 00000C

 000000

 6B3BDA

 6B3BDA

 5C25DA

 7A51DA

 4D0FDA

 8967DA

 4200DA

 997CDA

 A892DA

 B7A8DA

 C6BEDA

 D6D4DA

 E5E9DA

 F4FFDA

Harmonies

Analogous

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



0065FA



6B3BDA



C2009A

Triad

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



6B3BDA



A04200



007A71

Complementary

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



6B3BDA



AADA3B

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.



00771C



6B3BDA



636200

Square

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



6B3BDA



CB0000



007100



007BBC

Rectangle

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



6B3BDA



D70068



007100



007956

Sweetspot

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



6B3BDA



D8C7FF



3BAADA



685E80



000000



808080

Same Dimension

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



6B3BDA



621FFF



BA3BDA



66636E



3400AD



0E002E

Inverse Universe

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



DA3BAA



FF1FBB



5BDA3B



6E636A



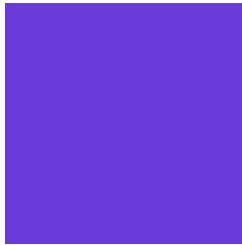
AD0079



2E0020

Previews

White Background



This preview shows how the Hex color 6B3BDA looks on a white background.

Color Contrast Check

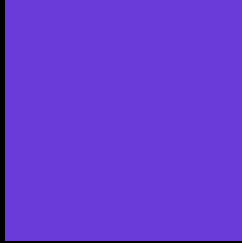
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 6B3BDA looks on a black 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

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

Hex 6B3BDA Background



This preview shows how black text looks on a background with the Hex color 6B3BDA.

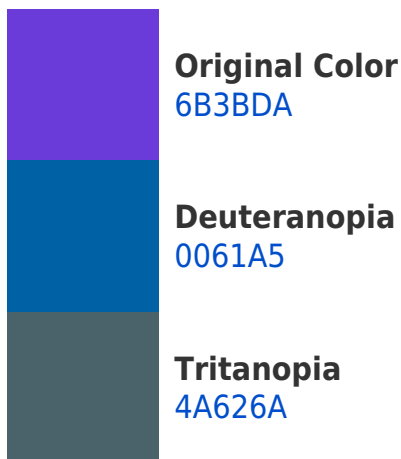


This preview shows how white text looks on a background with the Hex color 6B3BDA.

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



Trichromacy



Original Color
6B3BDA



Deuteranomaly
2753B8

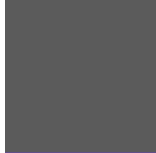


Tritanomaly
565493

Monochromacy



Original Color
6B3BDA



Achromatopsia
5B5B5B



Achromatomaly
614F89

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B3BDA 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 #6B3BDA looks like.

```
.text, #text, p{  
    color:#6B3BDA  
}
```

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 #6B3BDA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B3BDA
}
```

Border

The CSS property to change the border of an element to Hex 6B3BDA 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
#6B3BDA }
```

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

```
.border{ border-color:#6B3BDA }
```

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

Here you see how a box with a 4 pixel #6B3BDA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B3BDA; -webkit-box-shadow:4px 4px  
4px 4px #6B3BDA; box-shadow:4px 4px 4px  
4px #6B3BDA }
```

Background

The CSS property to change the background color of an element to Hex 6B3BDA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B3BDA }
```

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

```
.background{ background-color:#6B3BDA }
```

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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