

Converting Colors

Hex(6B1DB3)

Have a look what the booklet for
Hex(6B1DB3) contains.

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Color

Hex(6B1DB3)

Conversions

Conversions Part 1

Format	Color
Hex	6B1DB3
RGB	107, 29, 179
RGB Percent	42%, 11%, 70%
CMY	0.5804, 0.8863, 0.2980
CMYK	0.40, 0.84, 0.00, 0.30
HSL	271°, 72%, 41%
HSV	271°, 84%, 70%
XYZ	14.6395, 7.2592, 43.2774
YIQ	69.4220, -1.6620, 63.1860

Conversions

Conversions Part 2

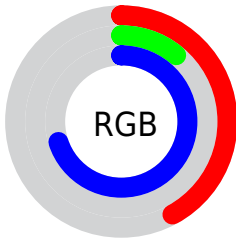
Format	Color
R_{YB}	107, 29, 179
Decimal	7019955
CIE _{Lab}	32.39, 59.44, -63.62
CIE _{LCh}	32, 87.067, 313.056
Yxy	7.2592, 0.2246, 0.1114
Android (android.graphics.Color)	4285210035 (0xFF6B1DB3)
YUV	69.4220, 54.0220, 32.9559
Hunter-Lab	26.9429, 49.8380, -76.3753

Details

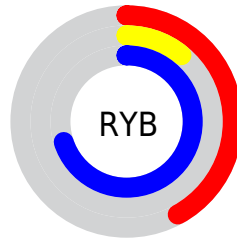
The Hex color **6B1DB3** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **65B31D**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **A555EC**, and **2F007D** is the 20% darker color. If you saturate the color by 10%, you get **620BB3**, and if you desaturate by 10%, it is **742FB3**.

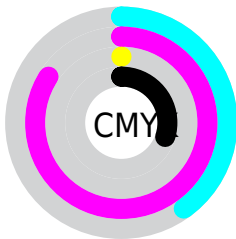
Distribution



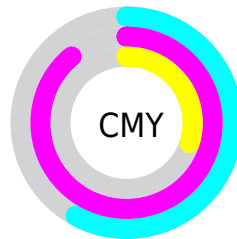
- Red (42%)
- Green (11%)
- Blue (70%)



- Red (42%)
- Yellow (11%)
- Blue (70%)



- Cyan (40%)
- Magenta (84%)
- Yellow (0%)
- Black (30%)



- Cyan (58%)
- Magenta (89%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B1DB3 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 6B1DB3 by changing the saturation by 10% instead.

6B1DB3

6B1DB3

FFFFFF

4E0098

A555EC

2F007D

C270FF

0A0063

DF8BFF

00004A

FDA6FF

000432

FFC3FF

00021C

FFDFFF

000000

FFFDFD

6B1DB3

6B1DB3

620BB3

742FB3

5D00B3

7C41B3

8553B3

8D65B3

9677B3

9F88B3

A79AB3

B0ACB3

B8BEB3

Harmonies

Analogous

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



004ED6



6B1DB3



AC0076

Triad

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



6B1DB3



7D3A00



00646A

Complementary

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



6B1DB3



65B31D

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.



006220



6B1DB3



425300

Square

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



6B1DB3



A70000



005E00



0065AB

Rectangle

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



6B1DB3



BA0049



005E00



006452

Sweetspot

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



6B1DB3



CCAEE8



1D66B3



645275



F5F5F5



757575

Same Dimension

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



6B1DB3



7900E8



B31DB1



555059



500099



0D001A

Inverse Universe

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



B31D65



E8006F



1DB31F



595055



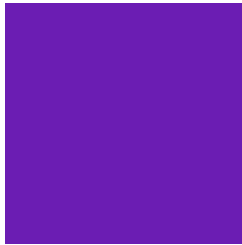
990049



1A000C

Previews

White Background



This preview shows how the Hex color 6B1DB3 looks on a white background.

Color Contrast Check

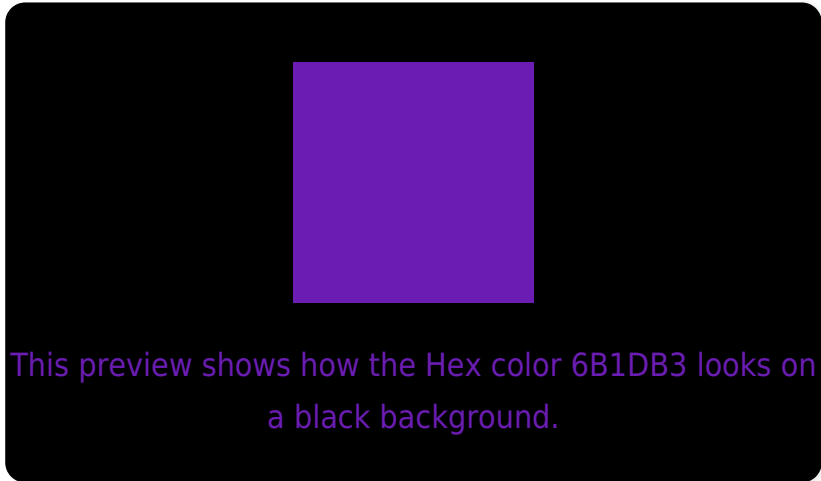
Large Text (above 18pt) WCAG AA ✓ Pass

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

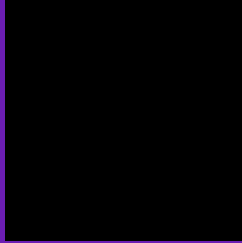
Any Text WCAG AA × Fail

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 6B1DB3 Background



This preview shows how black text looks on a background with the Hex color 6B1DB3.



This preview shows how white text looks on a background with the Hex color 6B1DB3.

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



Original Color
6B1DB3

Protanopia
004A9D

Deuteranopia
004F87



Tritanopia
564A4F

Trichromacy



Original Color
6B1DB3



Protanomaly
273AA5



Deuteranomaly
273D97



Tritanomaly
5E3A73

Monochromacy



Original Color
6B1DB3



Achromatopsia
454545



Achromatomaly
53366D

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B1DB3 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 #6B1DB3 looks like.

```
.text, #text, p{  
    color:#6B1DB3  
}
```

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 #6B1DB3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B1DB3
}
```

Border

The CSS property to change the border of an element to Hex 6B1DB3 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".

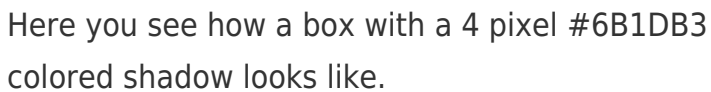
```
.border, #border, table{ border:4px solid
#6B1DB3 }
```

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

```
.border{ border-color:#6B1DB3 }
```

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

Here you see how a box with a 4 pixel #6B1DB3 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B1DB3; -webkit-box-shadow:4px 4px  
4px 4px #6B1DB3; box-shadow:4px 4px 4px  
4px #6B1DB3 }
```

Background

The CSS property to change the background color of an element to Hex 6B1DB3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B1DB3 }
```

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

```
.background{ background-color:#6B1DB3 }
```

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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