

Converting Colors

Hex(6B57BA)

Have a look what the booklet for
Hex(6B57BA) contains.

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Color

Hex(6B57BA)

Conversions

Conversions Part 1

Format	Color
Hex	6B57BA
RGB	107, 87, 186
RGB Percent	42%, 34%, 73%
CMY	0.5804, 0.6588, 0.2706
CMYK	0.42, 0.53, 0.00, 0.27
HSL	252°, 42%, 54%
HSV	252°, 53%, 73%
XYZ	18.3345, 13.4874, 48.0914
YIQ	104.2660, -19.8590, 35.0290

Conversions

Conversions Part 2

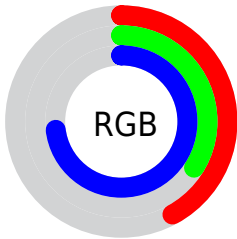
Format	Color
R_{YB}	107, 87, 186
Decimal	7034810
CIE _{Lab}	43.49, 32.48, -49.74
CIE _{LCh}	43, 59.411, 303.145
Yxy	13.4874, 0.2294, 0.1688
Android (android.graphics.Color)	4285224890 (0xFF6B57BA)
YUV	104.2660, 40.2949, 2.3977
Hunter-Lab	36.7251, 24.8447, -51.9323

Details

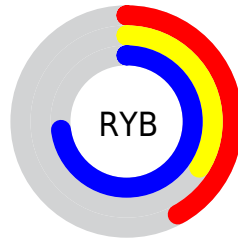
The Hex color **6B57BA** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **A6BA57**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **A289F3**, and **332984** is the 20% darker color. If you saturate the color by 10%, you get **5C44BA**, and if you desaturate by 10%, it is **7A6ABA**.

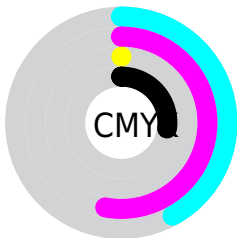
Distribution



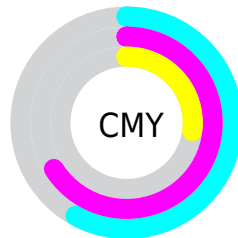
- Red (42%)
- Green (34%)
- Blue (73%)



- Red (42%)
- Yellow (34%)
- Blue (73%)



- Cyan (42%)
- Magenta (53%)
- Yellow (0%)
- Black (27%)



- Cyan (58%)
- Magenta (66%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B57BA 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 6B57BA by changing the saturation by 10% instead.

■ 6B57BA

■ 6B57BA

FFFFFF

■ 503F9F

■ A289F3

■ 332984

■ BFA4FF

■ 12136A

■ DCBFFF

■ 000051

■ F9DBFF

■ 00023A

■ FFF8FF

■ 000223

■ 00000A

■ 000000

■ 6B57BA

■ 6B57BA

■ 5C44BA

■ 7A6ABA

■ 4D32BA

■ 897CBA

■ 3E1FBA

■ 988FBA

■ 300DBA

■ A6A1BA

■ 2600BA

■ B5B4BA

■ C4C7BA

■ D3D9BA

■ E2ECBA

■ F1FEBA

Harmonies

Analogous

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



006BCA



6B57BA



A53D94

Triad

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



6B57BA



9F5300



007C6B

Complementary

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



6B57BA



A6BA57

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.



007A37



6B57BA



786600

Square

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



6B57BA



B83B34



457300



007C9C

Rectangle

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



6B57BA



B73074



457300



007C59

Sweetspot

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



6B57BA



D3CBF2



57A6BA



68637A



FAFAFA



7A7A7A

Same Dimension

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



6B57BA



7757F2



9C57BA



54535C



1F009C



06001C

Inverse Universe

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



BA57A6



F257D3



75BA57



5C535A



9C007C



1C0016

Previews

White Background



This preview shows how the Hex color 6B57BA 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 6B57BA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

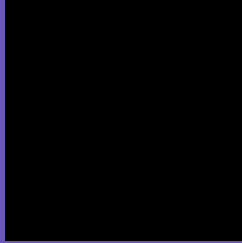
Any Text WCAG AA × Fail

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 6B57BA Background



This preview shows how black text looks on a background with the Hex color 6B57BA.

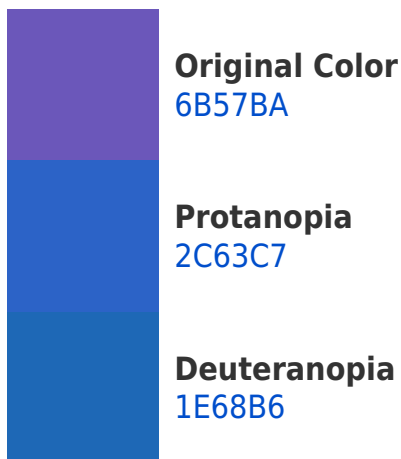


This preview shows how white text looks on a background with the Hex color 6B57BA.

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
596972

Trichromacy



Original Color
6B57BA

Protanomaly
435FC2

Deuteranomaly
3A62B7

Tritanomaly
60628C

Monochromacy



Original Color
6B57BA

Achromatopsia
686868

Achromatomaly
696286

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B57BA 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 #6B57BA looks like.

```
.text, #text, p{  
    color:#6B57BA  
}
```

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 #6B57BA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B57BA
}
```

Border

The CSS property to change the border of an element to Hex 6B57BA 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
#6B57BA }
```

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

```
.border{ border-color:#6B57BA }
```

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

Here you see how a box with a 4 pixel #6B57BA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B57BA; -webkit-box-shadow:4px 4px  
4px 4px #6B57BA; box-shadow:4px 4px 4px  
4px #6B57BA }
```

Background

The CSS property to change the background color of an element to Hex 6B57BA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B57BA }
```

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

```
.background{ background-color:#6B57BA }
```

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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