

Converting Colors

Hex(6B16AC)

Have a look what the booklet for
Hex(6B16AC) contains.

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Color

Hex(6B16AC)

Conversions

Conversions Part 1

Format	Color
Hex	6B16AC
RGB	107, 22, 172
RGB Percent	42%, 9%, 67%
CMY	0.5804, 0.9137, 0.3255
CMYK	0.38, 0.87, 0.00, 0.33
HSL	274°, 77%, 38%
HSV	274°, 87%, 67%
XYZ	13.7967, 6.6782, 39.5916
YIQ	64.5150, 2.5100, 64.6700

Conversions

Conversions Part 2

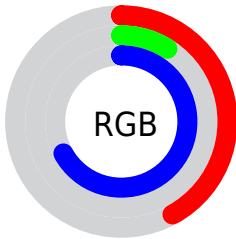
Format	Color
R_{YB}	107, 22, 172
Decimal	7018156
CIE _{Lab}	31.06, 59.92, -61.61
CIE _{LCh}	31, 85.940, 314.203
Yxy	6.6782, 0.2297, 0.1112
Android (android.graphics.Color)	4285208236 (0xFF6B16AC)
YUV	64.5150, 52.9901, 37.2593
Hunter-Lab	25.8422, 50.0744, -72.7459

Details

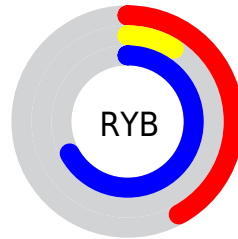
The Hex color **6B16AC** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **57AC16**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **A450E4**, and **300076** is the 20% darker color. If you saturate the color by 10%, you get **6405AC**, and if you desaturate by 10%, it is **7227AC**.

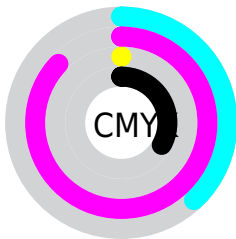
Distribution



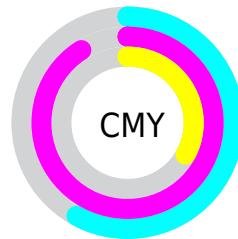
- Red (42%)
- Green (9%)
- Blue (67%)



- Red (42%)
- Yellow (9%)
- Blue (67%)



- Cyan (38%)
- Magenta (87%)
- Yellow (0%)
- Black (33%)



- Cyan (58%)
- Magenta (91%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B16AC 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 6B16AC by changing the saturation by 10% instead.

 6B16AC

 6B16AC


FFFFFF

 4E0091

 A450E4

 300076

 C16BFF

 11005D

 DF86FF

 000044

 FDA2FF

 00032D

 FFBEFF

 000117

 FFDBFF

 000000

 FFF8FF

 6B16AC

 6B16AC

■ 6405AC

■ 7227AC

■ 6100AC

■ 7A38AC

■ 814AAC

■ 895BAC

■ 906CAC

■ 987DAC

■ 9F8EAC

■ A7A0AC

■ AEB1AC

Harmonies

Analogous

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



004AD0



6B16AC



A80070

Triad

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



6B16AC



763800



006169

Complementary

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



6B16AC



57AC16

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.



005F20



6B16AC



3C5000

Square

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



6B16AC



A00000



005B00



0061A8

Rectangle

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



6B16AC



B50043



005B00



006051

Sweetspot

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



6B16AC



C7A6E0



1657AC



614D70



F0F0F0



707070

Same Dimension

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



6B16AC



7F00E0



AC16A2



534E57



550096



0D0017

Inverse Universe

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



AC1657



E00061



16AC20



574E52



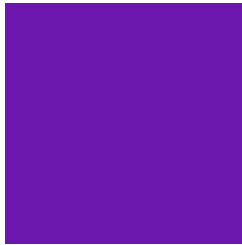
960041



17000A

Previews

White Background



This preview shows how the Hex color 6B16AC looks on a white background.

Color Contrast Check

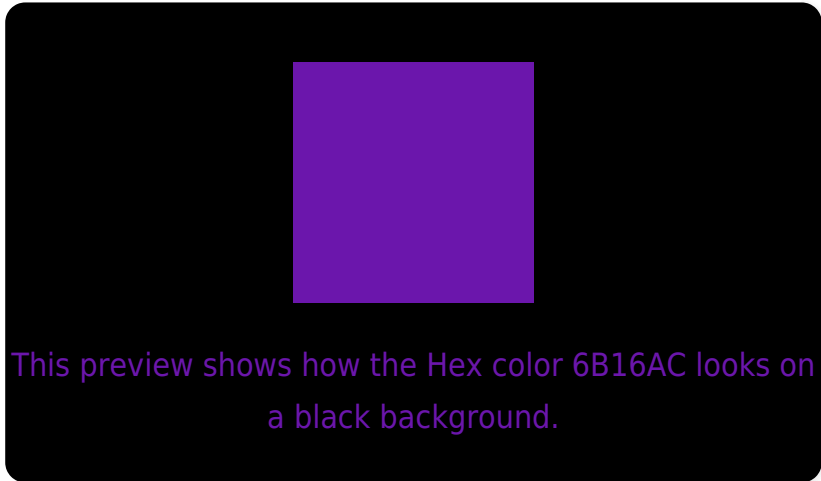
Large Text (above 18pt) WCAG AA ✓ Pass

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

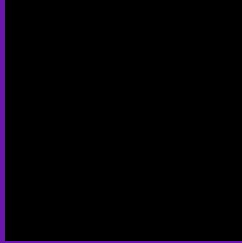
Any Text WCAG AA × Fail

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 6B16AC Background



This preview shows how black text looks on a background with the Hex color 6B16AC.



This preview shows how white text looks on a background with the Hex color 6B16AC.

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
6B16AC

Protanopia
004897

Deuteranopia
004C82



Tritanopia
57454B

Trichromacy



Original Color
6B16AC



Protanomaly
27369F



Deuteranomaly
273891



Tritanomaly
5E346E

Monochromacy



Original Color
6B16AC



Achromatopsia
414141



Achromatomaly
503168

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B16AC 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 #6B16AC looks like.

```
.text, #text, p{  
    color:#6B16AC  
}
```

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 #6B16AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B16AC
}
```

Border

The CSS property to change the border of an element to Hex 6B16AC is called "border". The border property can be set on classes, ids or directly on the HTML element.

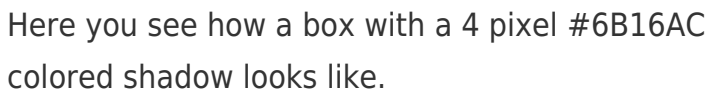
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B16AC }
```

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

```
.border{ border-color:#6B16AC }
```

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



Here you see how a box with a 4 pixel #6B16AC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B16AC; -webkit-box-shadow:4px 4px  
4px 4px #6B16AC; box-shadow:4px 4px 4px  
4px #6B16AC }
```

Background

The CSS property to change the background color of an element to Hex 6B16AC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B16AC }
```

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

```
.background{ background-color:#6B16AC }
```

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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