

Converting Colors

Hex(6B18DC)

Have a look what the booklet for
Hex(6B18DC) contains.

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Color

Hex(6B18DC)

Conversions

Conversions Part 1

Format	Color
Hex	6B18DC
RGB	107, 24, 220
RGB Percent	42%, 9%, 86%
CMY	0.5804, 0.9059, 0.1373
CMYK	0.51, 0.89, 0.00, 0.14
HSL	265°, 80%, 48%
HSV	265°, 89%, 86%
XYZ	19.3083, 8.9464, 68.4193
YIQ	71.1610, -13.4480, 78.5520

Conversions

Conversions Part 2

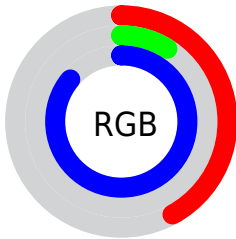
Format	Color
R_{YB}	107, 24, 220
Decimal	7018716
CIE _{Lab}	35.88, 70.30, -81.86
CIE _{LCh}	36, 107.901, 310.658
Yxy	8.9464, 0.1997, 0.0925
Android (android.graphics.Color)	4285208796 (0xFF6B18DC)
YUV	71.1610, 73.3776, 31.4308
Hunter-Lab	29.9105, 62.8849, -114.6867

Details

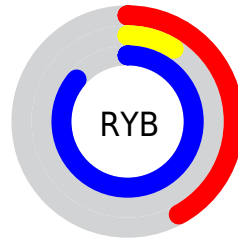
The Hex color **6B18DC** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **89DC18**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **A955FF**, and **2100A3** is the 20% darker color. If you saturate the color by 10%, you get **5E02DC**, and if you desaturate by 10%, it is **782EDC**.

Distribution



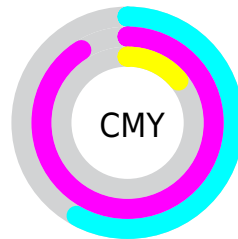
- Red (42%)
- Green (9%)
- Blue (86%)



- Red (42%)
- Yellow (9%)
- Blue (86%)



- Cyan (51%)
- Magenta (89%)
- Yellow (0%)
- Black (14%)



- Cyan (58%)
- Magenta (91%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B18DC 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 6B18DC by changing the saturation by 10% instead.

 6B18DC

 6B18DC

FFFFFF

 4A00BF

 A955FF

 2100A3

 C871FF

 000088

 E68CFF

 00006E

 FFA8FF

 000454

 FFC5FF

 00063C

 FFE2FF

 000225

 00010E

 000000

■ 6B18DC

■ 6B18DC

■ 5E02DC

■ 782EDC

■ 5D00DC

■ 8444DC

■ 915ADC

■ 9E70DC

■ AA86DC

■ B79CDC

■ C4B2DC

■ D0C8DC

■ DDDEDC

Harmonies

Analogous

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



005BFF



6B18DC



C80090

Triad

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



6B18DC



933800



007073

Complementary

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



6B18DC



89DC18

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.



006E0F



6B18DC



4B5B00

Square

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



6B18DC



C60000



006900



0073C7

Rectangle

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



6B18DC



DC0057



006900



007054

Sweetspot

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



6B18DC



D7BAFF



188ADC



685780



000000



808080

Same Dimension

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



6B18DC



6C00FF



CC18DC



67636E



4900AD



13002E

Inverse Universe

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



DC1889



FF0093



28DC18



6E6369



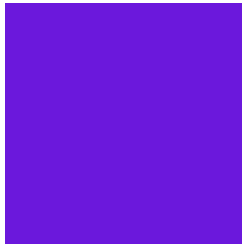
AD0064



2E001A

Previews

White Background



This preview shows how the Hex color 6B18DC looks on a white background.

Color Contrast Check

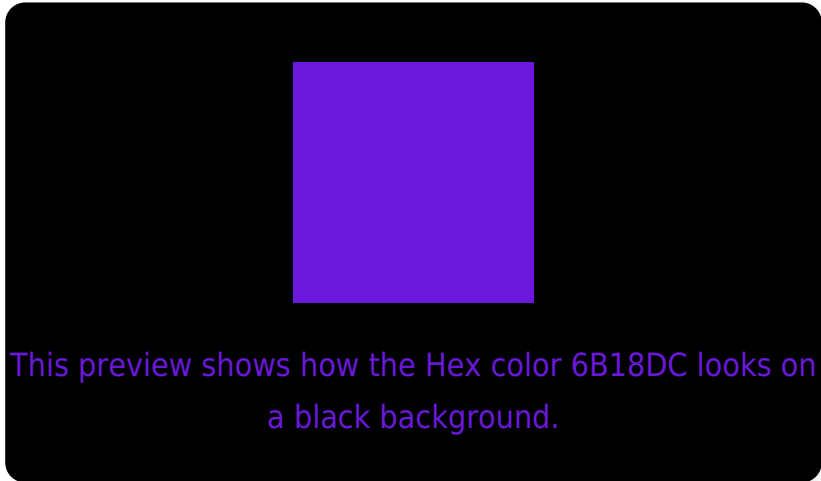
Large Text (above 18pt) WCAG AA ✓ Pass

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 6B18DC Background



This preview shows how black text looks on a background with the Hex color 6B18DC.

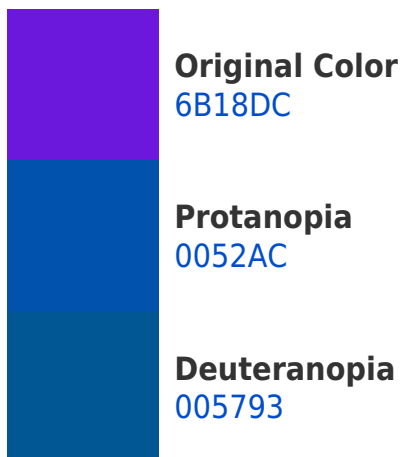


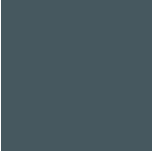
This preview shows how white text looks on a background with the Hex color 6B18DC.

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](#).

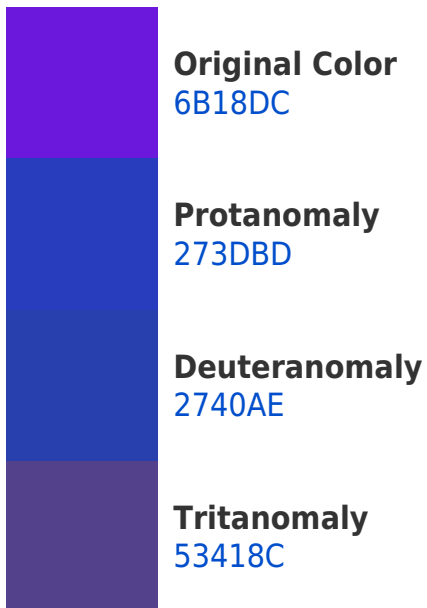
Dichromacy



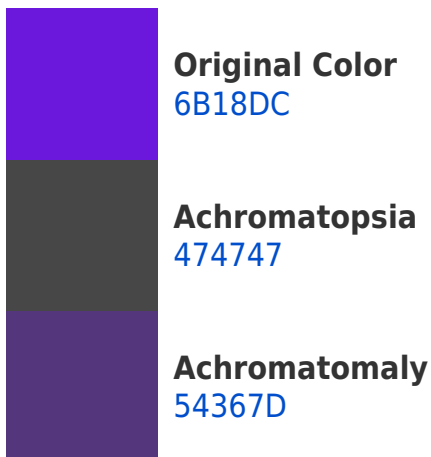


Tritanopia
46585F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6B18DC 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 #6B18DC looks like.

```
.text, #text, p{  
    color:#6B18DC  
}
```

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 #6B18DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B18DC
}
```

Border

The CSS property to change the border of an element to Hex 6B18DC 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".

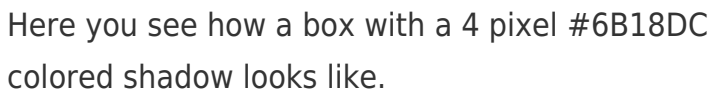
```
.border, #border, table{ border:4px solid
#6B18DC }
```

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

```
.border{ border-color:#6B18DC }
```

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

Here you see how a box with a 4 pixel #6B18DC colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The shadow is cast to the right and bottom of the box, matching the color of the border.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B18DC; -webkit-box-shadow:4px 4px  
4px 4px #6B18DC; box-shadow:4px 4px 4px  
4px #6B18DC }
```

Background

The CSS property to change the background color of an element to Hex 6B18DC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B18DC }
```

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

```
.background{ background-color:#6B18DC }
```

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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