

Converting Colors

Hex(6D16DF)

Have a look what the booklet for
Hex(6D16DF) contains.

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Color

Hex(6D16DF)

Conversions

Conversions Part 1

Format	Color
Hex	6D16DF
RGB	109, 22, 223
RGB Percent	43%, 9%, 87%
CMY	0.5725, 0.9137, 0.1255
CMYK	0.51, 0.90, 0.00, 0.13
HSL	266°, 82%, 48%
HSV	266°, 90%, 87%
XYZ	19.9129, 9.1527, 70.5292
YIQ	70.9270, -12.6690, 80.9550

Conversions

Conversions Part 2

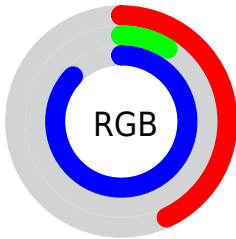
Format	Color
R_{YB}	109, 22, 223
Decimal	7149279
CIE Lab	36.28, 71.63, -82.92
CIE LCh	36, 109.572, 310.824
Yxy	9.1527, 0.1999, 0.0919
Android (android.graphics.Color)	4285339359 (0xFF6D16DF)
YUV	70.9270, 74.9720, 33.3900
Hunter-Lab	30.2535, 64.5452, -117.0437

Details

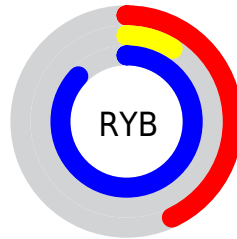
The Hex color **6D16DF** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **88DF16**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **AB55FF**, and **2300A6** is the 20% darker color. If you saturate the color by 10%, you get **6100DF**, and if you desaturate by 10%, it is **7A2CDF**.

Distribution



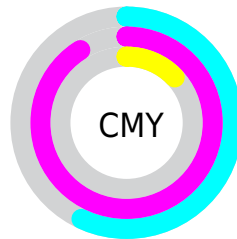
- Red (43%)
- Green (9%)
- Blue (87%)



- Red (43%)
- Yellow (9%)
- Blue (87%)



- Cyan (51%)
- Magenta (90%)
- Yellow (0%)
- Black (13%)



- Cyan (57%)
- Magenta (91%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D16DF 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 6D16DF by changing the saturation by 10% instead.

 6D16DF

 6D16DF

FFFFFF

 4C00C2

 AB55FF

 2300A6

 CA70FF

 00008B

 E98CFF

 000070

 FFA8FF

 000257

 FFC5FF

 00063E

 FFE2FF

 000327

 000111

 000000

 6D16DF

 6D16DF

 6100DF

 7A2CDF

 8643DF

 9359DF

 A06FDF

 AC86DF

 B99CDF

 C6B2DF

 D2C8DF

 DFD9DF

Harmonies

Analogous

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



005CFF



6D16DF



CB0091

Triad

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



6D16DF



953800



007275

Complementary

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



6D16DF



88DF16

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.



006F0F



6D16DF



4B5D00

Square

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



6D16DF



C90000



006A00



0074CA

Rectangle

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



6D16DF



DF0058



006A00



007156

Sweetspot

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



6D16DF



D8BAFF



168BDF



685780



000000



808080

Same Dimension

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



6D16DF



6E00FF



CE16DF



6A6570



4C00B0



150030

Inverse Universe

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



DF1688



FF0091



27DF16



70656B



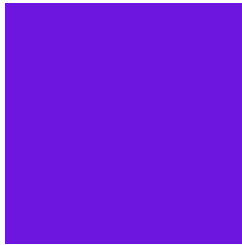
B00064



30001B

Previews

White Background



This preview shows how the Hex color 6D16DF looks on a white background.

Color Contrast Check

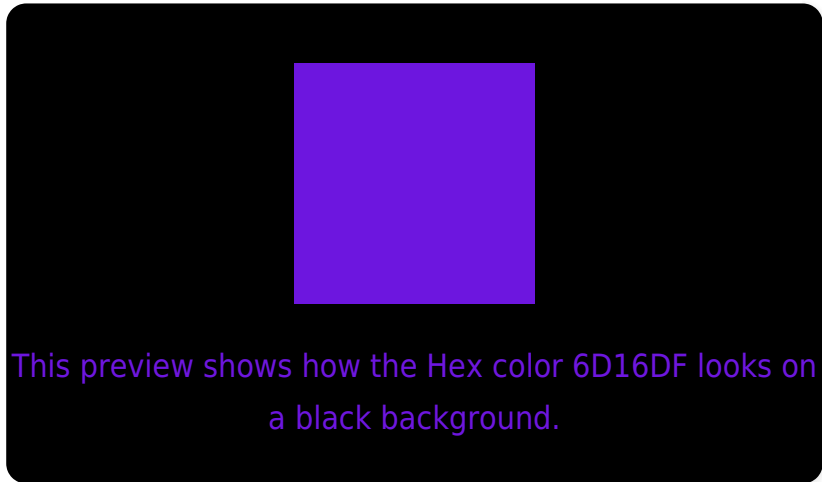
Large Text (above 18pt) WCAG AA ✓ Pass

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

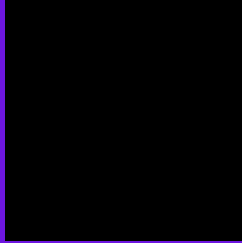
Any Text WCAG AA × Fail

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 6D16DF Background



This preview shows how black text looks on a background with the Hex color 6D16DF.



This preview shows how white text looks on a background with the Hex color 6D16DF.

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
6D16DF

Protanopia
0053AE

Deuteranopia
005895



Tritanopia
475860

Trichromacy



Original Color
6D16DF



Protanomaly
283DC0



Deuteranomaly
2840B0



Tritanomaly
55408E

Monochromacy



Original Color
6D16DF



Achromatopsia
474747



Achromatomaly
55357E

CSS Examples

Text

The CSS property to change the color of the text to Hex 6D16DF 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 #6D16DF looks like.

```
.text, #text, p{  
    color:#6D16DF  
}
```

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 #6D16DF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D16DF
}
```

Border

The CSS property to change the border of an element to Hex 6D16DF 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
#6D16DF }
```

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

```
.border{ border-color:#6D16DF }
```

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

Here you see how a box with a 4 pixel #6D16DF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D16DF; -webkit-box-shadow:4px 4px  
4px 4px #6D16DF; box-shadow:4px 4px 4px  
4px #6D16DF }
```

Background

The CSS property to change the background color of an element to Hex 6D16DF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D16DF }
```

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

```
.background{ background-color:#6D16DF }
```

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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