

Converting Colors

Hex(6B20DF)

Have a look what the booklet for
Hex(6B20DF) contains.

Hex(6B20DF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6B20DF)

Conversions

Conversions Part 1

Format	Color
Hex	6B20DF
RGB	107, 32, 223
RGB Percent	42%, 13%, 87%
CMY	0.5804, 0.8745, 0.1255
CMYK	0.52, 0.86, 0.00, 0.13
HSL	264°, 75%, 50%
HSV	264°, 86%, 87%
XYZ	19.8992, 9.4865, 70.5943
YIQ	76.1990, -16.6110, 75.3010

Conversions

Conversions Part 2

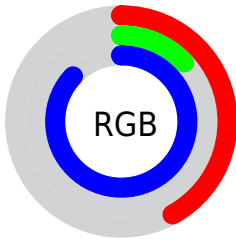
Format	Color
RYB	107, 32, 223
Decimal	7020767
CIELab	36.90, 68.86, -81.89
CIELCh	37, 106.989, 310.060
Yxy	9.4865, 0.1990, 0.0949
Android (android.graphics.Color)	4285210847 (0xFF6B20DF)
YUV	76.1990, 72.3729, 27.0125
Hunter-Lab	30.8002, 61.4237, -114.3329

Details

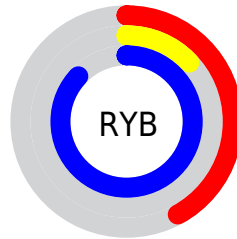
The Hex color **6B20DF** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **94DF20**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **A95AFF**, and **2000A6** is the 20% darker color. If you saturate the color by 10%, you get **5D0ADF**, and if you desaturate by 10%, it is **7936DF**.

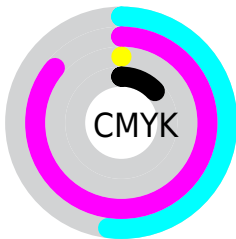
Distribution



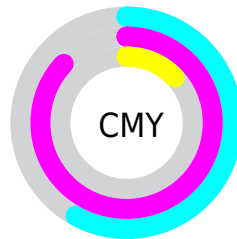
- Red (42%)
- Green (13%)
- Blue (87%)



- Red (42%)
- Yellow (13%)
- Blue (87%)



- Cyan (52%)
- Magenta (86%)
- Yellow (0%)
- Black (13%)



- Cyan (58%)
- Magenta (87%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B20DF 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 6B20DF by changing the saturation by 10% instead.

 6B20DF

 6B20DF

FFFFFF

 4A00C2

 A95AFF

 2000A6

 C875FF

 00008B

 E691FF

 000070

 FFADFF

 000357

 FFC9FF

 00063E

 FFE6FF

 000327

 000111

 000000

■ 6B20DF

■ 6B20DF

■ 5D0ADF

■ 7936DF

■ 5800DF

■ 864DDF

■ 9463DF

■ A179DF

■ AF90DF

■ BCA6DF

■ CABCDF

■ D7D2DF

■ E5E9DF

Harmonies

Analogous

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



005DFF



6B20DF



C90094

Triad

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



6B20DF



973900



007373

Complementary

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



6B20DF



94DF20

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.



007110



6B20DF



505D00

Square

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



6B20DF



CA0000



006B00



0075C7

Rectangle

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



6B20DF



DE005B



006B00



007255

Sweetspot

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



6B20DF



D7BDFF



2096DF



675880



000000



808080

Same Dimension

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



6B20DF



6400FF



C920DF



696570



4500B0



130030

Inverse Universe

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



DF2094



FF009B



36DF20



70656C



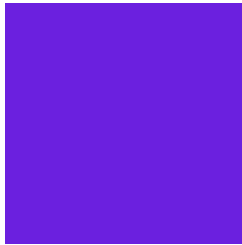
B0006B



30001D

Previews

White Background



This preview shows how the Hex color 6B20DF 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

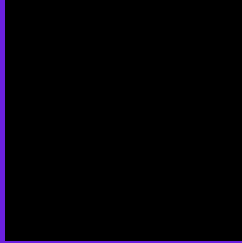
Any Text WCAG AA × Fail

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 6B20DF Background



This preview shows how black text looks on a background with the Hex color 6B20DF.

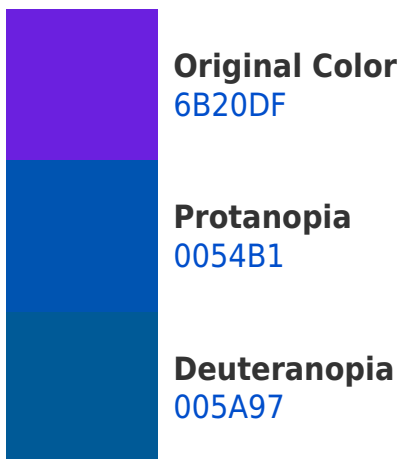


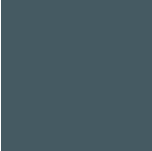
This preview shows how white text looks on a background with the Hex color 6B20DF.

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
455A62

Trichromacy



Original Color
6B20DF



Protanomaly
2741C2



Deuteranomaly
2745B1



Tritanomaly
53458F

Monochromacy



Original Color
6B20DF



Achromatopsia
4C4C4C



Achromatomaly
573C81

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B20DF 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 #6B20DF looks like.

```
.text, #text, p{  
    color:#6B20DF  
}
```

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 #6B20DF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B20DF
}
```

Border

The CSS property to change the border of an element to Hex 6B20DF 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".

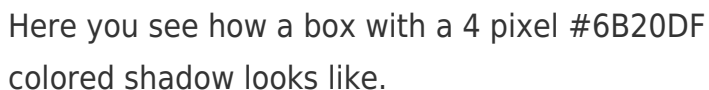
```
.border, #border, table{ border:4px solid
#6B20DF }
```

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

```
.border{ border-color:#6B20DF }
```

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

Here you see how a box with a 4 pixel #6B20DF colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B20DF; -webkit-box-shadow:4px 4px  
4px 4px #6B20DF; box-shadow:4px 4px 4px  
4px #6B20DF }
```

Background

The CSS property to change the background color of an element to Hex 6B20DF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B20DF }
```

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

```
.background{ background-color:#6B20DF }
```

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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