

Converting Colors

Hex(6D2DD2)

Have a look what the booklet for
Hex(6D2DD2) contains.

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Color

Hex(6D2DD2)

Conversions

Conversions Part 1

Format	Color
Hex	6D2DD2
RGB	109, 45, 210
RGB Percent	43%, 18%, 82%
CMY	0.5725, 0.8235, 0.1765
CMYK	0.48, 0.79, 0.00, 0.18
HSL	263°, 65%, 50%
HSV	263°, 79%, 82%
XYZ	18.8779, 9.7811, 61.8657
YIQ	82.9460, -14.8210, 64.8830

Conversions

Conversions Part 2

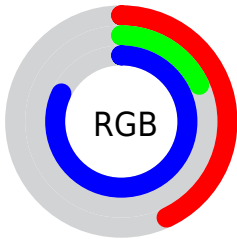
Format	Color
RYB	109, 45, 210
Decimal	7155154
CIELab	37.45, 61.35, -73.50
CIElCh	37, 95.742, 309.852
Yxy	9.7811, 0.2085, 0.1080
Android (android.graphics.Color)	4285345234 (0xFF6D2DD2)
YUV	82.9460, 62.6376, 22.8494
Hunter-Lab	31.2748, 53.0143, -95.3912

Details

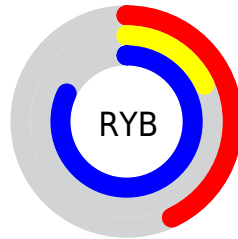
The Hex color **6D2DD2** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark washed purple. A complement of this color would be **92D22D**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **A963FF**, and **2B009A** is the 20% darker color. If you saturate the color by 10%, you get **6018D2**, and if you desaturate by 10%, it is **7A42D2**.

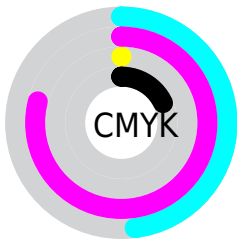
Distribution



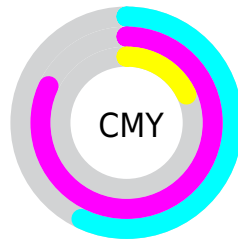
- Red (43%)
- Green (18%)
- Blue (82%)



- Red (43%)
- Yellow (18%)
- Blue (82%)



- Cyan (48%)
- Magenta (79%)
- Yellow (0%)
- Black (18%)



- Cyan (57%)
- Magenta (82%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D2DD2 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 6D2DD2 by changing the saturation by 10% instead.

 6D2DD2

 6D2DD2


FFFFFF

 4E0CB6

 A963FF

 2B009A

 C77DFF

 00007F

 E599FF

 000065

 FFB4FF

 00044C

 FFD1FF

 000434

 FFEEFF

 00021E

 000000

 6D2DD2

 6D2DD2

■ 6018D2

■ 7A42D2

■ 5303D2

■ 8757D2

■ 5100D2

■ 946CD2

■ A081D2

■ AD96D2

■ BAABD2

■ C7C0D2

■ D4D5D2

■ E1EAD2

Harmonies

Analogous

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



005DF6



6D2DD2



C0008F

Triad

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



6D2DD2



953E00



007371

Complementary

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



6D2DD2



92D22D

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.



00711B



6D2DD2



555E00

Square

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



6D2DD2



C20000



006B00



0074BC

Rectangle

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



6D2DD2



D3005C



006B00



007356

Sweetspot

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



6D2DD2



DAC2FF



2D93D2



695B80



000000



808080

Same Dimension

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



6D2DD2



6C0FFF



BF2DD2



625E69



4100A8



100029

Inverse Universe

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



D22D92



FF0FA2



40D22D



695E64



A80067



290019

Previews

White Background



This preview shows how the Hex color 6D2DD2 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

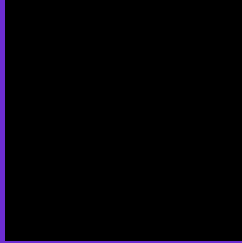
Any Text WCAG AA × Fail

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 6D2DD2 Background



This preview shows how black text looks on a background with the Hex color 6D2DD2.




This preview shows how white text looks on a background with the Hex color 6D2DD2.

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
4F5A61

Trichromacy



Original Color
6D2DD2



Protanomaly
2846BE



Deuteranomaly
284AAE



Tritanomaly
5A4A8A

Monochromacy



Original Color
6D2DD2



Achromatopsia
535353



Achromatomaly
5C4581

CSS Examples

Text

The CSS property to change the color of the text to Hex 6D2DD2 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 #6D2DD2 looks like.

```
.text, #text, p{  
    color:#6D2DD2  
}
```

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 #6D2DD2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D2DD2
}
```

Border

The CSS property to change the border of an element to Hex 6D2DD2 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
#6D2DD2 }
```

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

```
.border{ border-color:#6D2DD2 }
```

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

Here you see how a box with a 4 pixel #6D2DD2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D2DD2; -webkit-box-shadow:4px 4px  
4px 4px #6D2DD2; box-shadow:4px 4px 4px  
4px #6D2DD2 }
```

Background

The CSS property to change the background color of an element to Hex 6D2DD2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D2DD2 }
```

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

```
.background{ background-color:#6D2DD2 }
```

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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