

Converting Colors

Hex(6D2FA8)

Have a look what the booklet for
Hex(6D2FA8) contains.

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Color

Hex(6D2FA8)

Conversions

Conversions Part 1

Format	Color
Hex	6D2FA8
RGB	109, 47, 168
RGB Percent	43%, 18%, 66%
CMY	0.5725, 0.8157, 0.3412
CMYK	0.35, 0.72, 0.00, 0.34
HSL	271°, 56%, 42%
HSV	271°, 72%, 66%
XYZ	14.3911, 8.1114, 37.8529
YIQ	79.3320, -1.8890, 50.7750

Conversions

Conversions Part 2

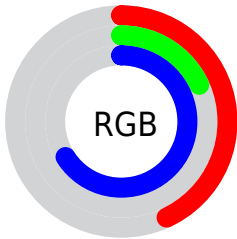
Format	Color
R_{YB}	109, 47, 168
Decimal	7155624
CIE _{Lab}	34.21, 50.06, -54.05
CIE _{LCh}	34, 73.671, 312.801
Y _{xy}	8.1114, 0.2384, 0.1344
Android (android.graphics.Color)	4285345704 (0xFF6D2FA8)
YUV	79.3320, 43.7133, 26.0188
Hunter-Lab	28.4805, 40.3544, -58.8650

Details

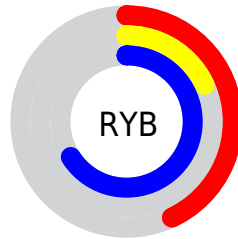
The Hex color **6D2FA8** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **6AA82F**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **A562E0**, and **350073** is the 20% darker color. If you saturate the color by 10%, you get **651EA8**, and if you desaturate by 10%, it is **7540A8**.

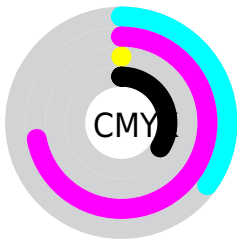
Distribution



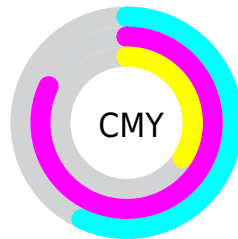
- Red (43%)
- Green (18%)
- Blue (66%)



- Red (43%)
- Yellow (18%)
- Blue (66%)



- Cyan (35%)
- Magenta (72%)
- Yellow (0%)
- Black (34%)



- Cyan (57%)
- Magenta (82%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D2FA8 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 6D2FA8 by changing the saturation by 10% instead.

6D2FA8

6D2FA8

FFFFFF

51138D

A562E0

350073

C27DFD

17005A

DF97FF

000041

FCB3FF

00032A

FFCFFF

000114

FFECFF

000000

6D2FA8

6D2FA8

651EA8

7540A8

■ 5D0DA8

■ 7D51A8

■ 5600A8

■ 8661A8

■ 8E72A8

■ 9683A8

■ 9E94A8

■ A6A5A8

■ AFB5A8

■ B7C6A8

Harmonies

Analogous

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



0051C5



6D2FA8



A40075

Triad

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



6D2FA8



7E4100



006769

Complementary

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



6D2FA8



6AA82F

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.



00652B



6D2FA8



4C5600

Square

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



6D2FA8



A21300



006100



0067A0

Rectangle

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



6D2FA8



B1004E



006100



006755

Sweetspot

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



6D2FA8



C4ABDB



2F6BA8



60516E



EDEDED



6E6E6E

Same Dimension

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



6D2FA8



7F1FDB



A82FA8



504C54



4C0094



0A0014

Inverse Universe

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



A82F6A



DB1F7B



2FA82F



544C50



940048



14000A

Previews

White Background



This preview shows how the Hex color 6D2FA8 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

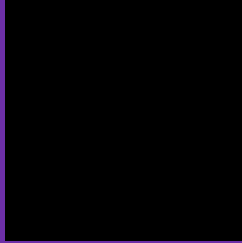
Any Text WCAG AA × Fail

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 6D2FA8 Background



This preview shows how black text looks on a background with the Hex color 6D2FA8.

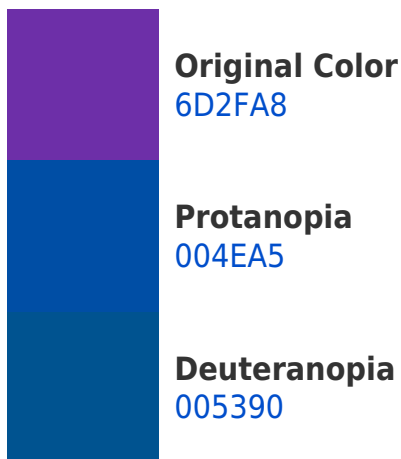



This preview shows how white text looks on a background with the Hex color 6D2FA8.

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
5C4D53

Trichromacy



Original Color
6D2FA8



Protanomaly
2843A6



Deuteranomaly
284699



Tritanomaly
624272

Monochromacy



Original Color
6D2FA8



Achromatopsia
4F4F4F



Achromatomaly
5A436F

CSS Examples

Text

The CSS property to change the color of the text to Hex 6D2FA8 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 #6D2FA8 looks like.

```
.text, #text, p{  
    color:#6D2FA8  
}
```

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 #6D2FA8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D2FA8
}
```

Border

The CSS property to change the border of an element to Hex 6D2FA8 is called "border". The border property can be set on classes, ids or directly on the HTML element.

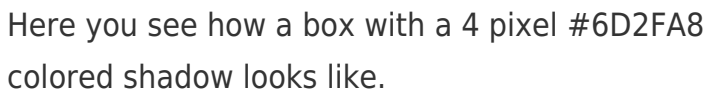
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6D2FA8 }
```

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

```
.border{ border-color:#6D2FA8 }
```

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



Here you see how a box with a 4 pixel #6D2FA8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D2FA8; -webkit-box-shadow:4px 4px  
4px 4px #6D2FA8; box-shadow:4px 4px 4px  
4px #6D2FA8 }
```

Background

The CSS property to change the background color of an element to Hex 6D2FA8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D2FA8 }
```

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

```
.background{ background-color:#6D2FA8 }
```

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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