

Converting Colors

Hex(6F28A6)

Have a look what the booklet for
Hex(6F28A6) contains.

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Color

Hex(6F28A6)

Conversions

Conversions Part 1

Format	Color
Hex	6F28A6
RGB	111, 40, 166
RGB Percent	44%, 16%, 65%
CMY	0.5647, 0.8431, 0.3490
CMYK	0.33, 0.76, 0.00, 0.35
HSL	274°, 61%, 40%
HSV	274°, 76%, 65%
XYZ	14.1973, 7.6503, 36.8048
YIQ	75.5930, 1.8700, 54.2380

Conversions

Conversions Part 2

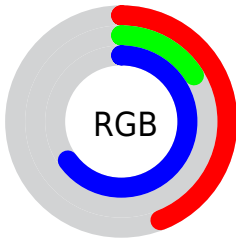
Format	Color
R _Y B	111, 40, 166
Decimal	7284902
CIE Lab	33.24, 53.04, -54.42
CIE LCh	33, 75.986, 314.264
Yxy	7.6503, 0.2421, 0.1304
Android (android.graphics.Color)	4285474982 (0xFF6F28A6)
YUV	75.5930, 44.5707, 31.0519
Hunter-Lab	27.6591, 43.2196, -59.5332

Details

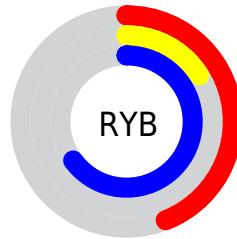
The Hex color **6F28A6** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **5FA628**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **A75DDE**, and **370071** is the 20% darker color. If you saturate the color by 10%, you get **6817A6**, and if you desaturate by 10%, it is **7639A6**.

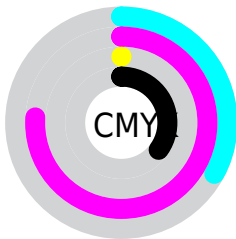
Distribution



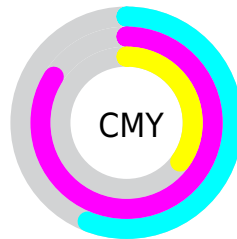
- Red (44%)
- Green (16%)
- Blue (65%)



- Red (44%)
- Yellow (16%)
- Blue (65%)



- Cyan (33%)
- Magenta (76%)
- Yellow (0%)
- Black (35%)



- Cyan (56%)
- Magenta (84%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6F28A6 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 6F28A6 by changing the saturation by 10% instead.

6F28A6

6F28A6

FFFFFF

53078B

A75DDE

370071

C477FB

1B0058

E192FF

00003F

FFAEFF

000328

FFCAFF

000112

FFE6FF

000000

6F28A6

6F28A6

6817A6

7639A6

6107A6

7D49A6

5E00A6

855AA6

8C6AA6

937BA6

9A8CA6

A29CA6

A9ADA6

B0BDA6

Harmonies

Analogous

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



004EC6



6F28A6



A50070

Triad

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



6F28A6



7A3F00



00656B

Complementary

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



6F28A6



5FA628

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.



00632B



6F28A6



465500

Square

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



6F28A6



9F0D00



005F00



0065A2

Rectangle

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



6F28A6



B10049



005F00



006556

Sweetspot

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



6F28A6



C3A7D9



2861A6



604F6E



EDEDED



6E6E6E

Same Dimension

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



6F28A6



8314D9



A628A0



504C54



530094



0B0014

Inverse Universe

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



A6285F



D9146A



28A62E



544C4F



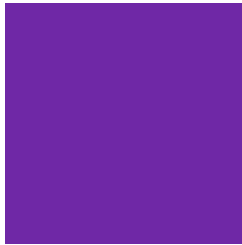
940041



140009

Previews

White Background



This preview shows how the Hex color 6F28A6 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

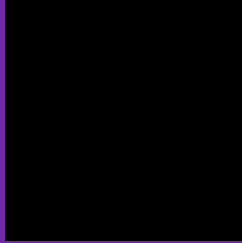
Any Text WCAG AA × Fail

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 6F28A6 Background



This preview shows how black text looks on a background with the Hex color 6F28A6.



This preview shows how white text looks on a background with the Hex color 6F28A6.

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
6F28A6

Protanopia
004CA1

Deuteranopia
00518C



Tritanopia
5F494F

Trichromacy



Original Color
6F28A6



Protanomaly
283FA3



Deuteranomaly
284295



Tritanomaly
653D6F

Monochromacy



Original Color
6F28A6



Achromatopsia
4C4C4C



Achromatomaly
593F6D

CSS Examples

Text

The CSS property to change the color of the text to Hex 6F28A6 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 #6F28A6 looks like.

```
.text, #text, p{  
    color:#6F28A6  
}
```

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 #6F28A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F28A6  
}
```

Border

The CSS property to change the border of an element to Hex 6F28A6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

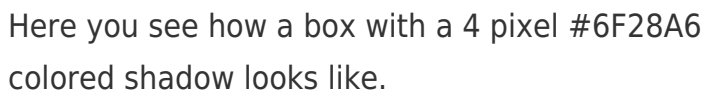
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#6F28A6 }
```

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

```
.border{ border-color:#6F28A6 }
```

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



Here you see how a box with a 4 pixel #6F28A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F28A6; -webkit-box-shadow:4px 4px  
4px 4px #6F28A6; box-shadow:4px 4px 4px  
4px #6F28A6 }
```

Background

The CSS property to change the background color of an element to Hex 6F28A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F28A6 }
```

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

```
.background{ background-color:#6F28A6 }
```

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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