

Converting Colors

Hex(6D008D)

Have a look what the booklet for
Hex(6D008D) contains.

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Color

Hex(6D008D)

Conversions

Conversions Part 1

Format	Color
Hex	6D008D
RGB	109, 0, 141
RGB Percent	43%, 0%, 55%
CMY	0.5725, 1.0000, 0.4471
CMYK	0.23, 1.00, 0.00, 0.45
HSL	286°, 100%, 28%
HSV	286°, 100%, 55%
XYZ	11.1144, 5.1743, 25.6122
YIQ	48.6650, 19.7030, 66.9590

Conversions

Conversions Part 2

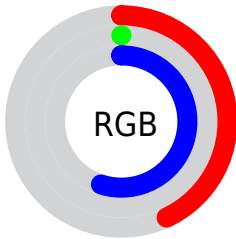
Format	Color
R_{YB}	109, 0, 141
Decimal	7143565
CIE _{Lab}	27.23, 58.19, -48.93
CIE _{LCh}	27, 76.027, 319.937
Yxy	5.1743, 0.2653, 0.1235
Android (android.graphics.Color)	4285333645 (0xFF6D008D)
YUV	48.6650, 45.5212, 52.9138
Hunter-Lab	22.7471, 47.4090, -50.8351

Details

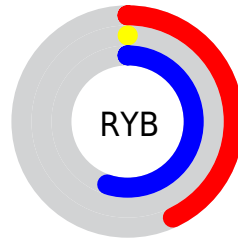
The Hex color **6D008D** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **208D00**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **A545C4**, and **37005A** is the 20% darker color. If you saturate the color by 10%, you get **6D008D**, and if you desaturate by 10%, it is **700E8D**.

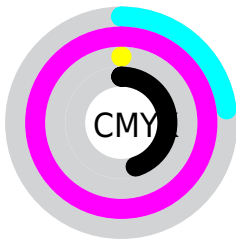
Distribution



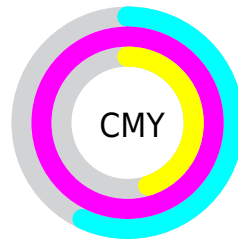
- Red (43%)
- Green (0%)
- Blue (55%)



- Red (43%)
- Yellow (0%)
- Blue (55%)



- Cyan (23%)
- Magenta (100%)
- Yellow (0%)
- Black (45%)



- Cyan (57%)
- Magenta (100%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D008D 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 6D008D by changing the saturation by 10% instead.

6D008D

6D008D

FFFFFF

520073

A545C4

37005A

C160E0

1D0042

DF7BFD

00012A

FC97FF

000114

FFB3FF

000000

FFCFFF

FFECFF

6D008D

 700E8D

 731C8D

 772A8D

 7A388D

 7D478D

 80558D

 83638D

 87718D

 8A7F8D

Harmonies

Analogous

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



003BB1



6D008D



980057

Triad

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



6D008D



603700



005567

Complementary

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



6D008D



208D00

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.



00542A



6D008D



294900

Square

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



6D008D



870400



005100



00559B

Rectangle

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



6D008D



9E0031



005100



005553

Sweetspot

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



6D008D



AB81B8



00218D



543B5C



DBDBDB



5C5C5C

Same Dimension

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



6D008D



8E00B8



8D0067



464047



680087



060008

Inverse Universe

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



8D0020



B8002A



008D26



474042



87001F



080002

Previews

White Background



This preview shows how the Hex color 6D008D looks on a white background.

Color Contrast Check

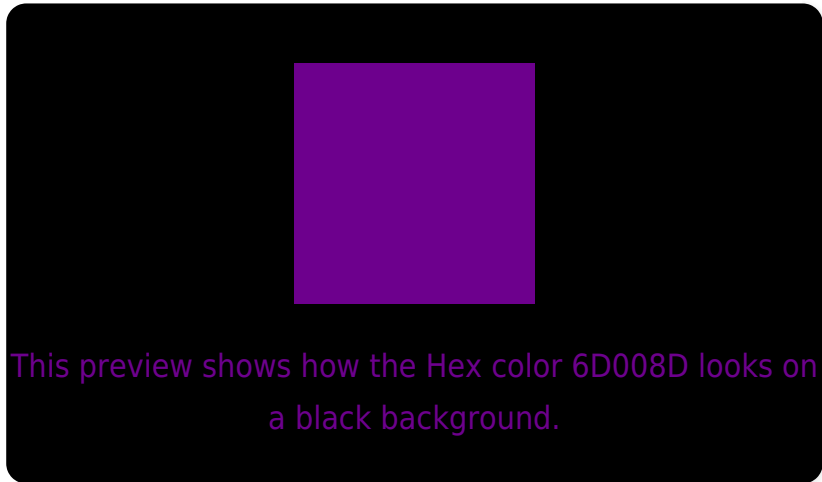
Large Text (above 18pt) WCAG AA ✓ Pass

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

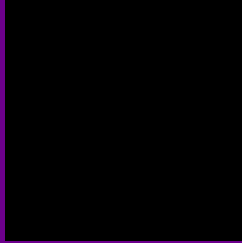
Any Text WCAG AA × Fail

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 6D008D Background



This preview shows how black text looks on a background with the Hex color 6D008D.



This preview shows how white text looks on a background with the Hex color 6D008D.

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
6D008D

Protanopia
00418A

Deuteranopia
004578



Tritanopia
61373B

Trichromacy



Original Color
6D008D

Protanomaly
28298B

Deuteranomaly
282C80

Tritanomaly
652359

Monochromacy



Original Color
6D008D

Achromatopsia
313131

Achromatomaly
471F52

CSS Examples

Text

The CSS property to change the color of the text to Hex 6D008D 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 #6D008D looks like.

```
.text, #text, p{  
    color:#6D008D  
}
```

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 #6D008D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D008D
}
```

Border

The CSS property to change the border of an element to Hex 6D008D 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
#6D008D }
```

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

```
.border{ border-color:#6D008D }
```

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

Here you see how a box with a 4 pixel #6D008D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D008D; -webkit-box-shadow:4px 4px  
4px 4px #6D008D; box-shadow:4px 4px 4px  
4px #6D008D }
```

Background

The CSS property to change the background color of an element to Hex 6D008D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D008D }
```

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

```
.background{ background-color:#6D008D }
```

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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