

Converting Colors

Hex(60008D)

Have a look what the booklet for
Hex(60008D) contains.

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Color

Hex(60008D)

Conversions

Conversions Part 1

Format	Color
Hex	60008D
RGB	96, 0, 141
RGB Percent	38%, 0%, 55%
CMY	0.6235, 1.0000, 0.4471
CMYK	0.32, 1.00, 0.00, 0.45
HSL	281°, 100%, 28%
HSV	281°, 100%, 55%
XYZ	9.6316, 4.4099, 25.5429
YIQ	44.7780, 11.9550, 64.2030

Conversions

Conversions Part 2

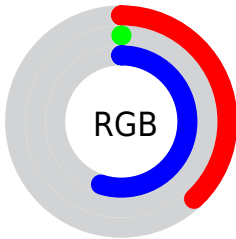
Format	Color
RYB	96, 0, 141
Decimal	6291597
CIELab	24.98, 56.46, -52.69
CIELCh	25, 77.224, 316.978
Yxy	4.4099, 0.2433, 0.1114
Android (android.graphics.Color)	4284481677 (0xFF60008D)
YUV	44.7780, 47.4374, 44.9217
Hunter-Lab	20.9997, 45.1201, -57.4171

Details

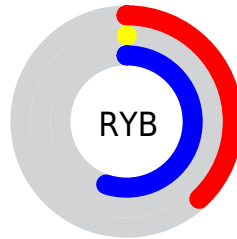
The Hex color **60008D** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **2D8D00**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **9842C4**, and **29005A** is the 20% darker color. If you saturate the color by 10%, you get **60008D**, and if you desaturate by 10%, it is **650E8D**.

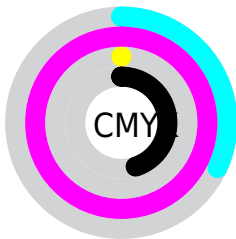
Distribution



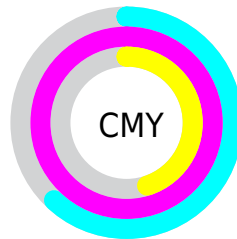
- Red (38%)
- Green (0%)
- Blue (55%)



- Red (38%)
- Yellow (0%)
- Blue (55%)



- Cyan (32%)
- Magenta (100%)
- Yellow (0%)
- Black (45%)



- Cyan (62%)
- Magenta (100%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 60008D 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 60008D by changing the saturation by 10% instead.

60008D

60008D

FFFFFF

450073

9842C4

29005A

B45DE0

090041

D178FD

00032A

EE93FF

000114

FFAFFF

000000

FFCBFF

FFE8FF

60008D

■ 650E8D

■ 691C8D

■ 6E2A8D

■ 72388D

■ 77478D

■ 7B558D

■ 80638D

■ 84718D

■ 897F8D

Harmonies

Analogous

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



0039AF



60008D



900057

Triad

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



60008D



5E2F00



00505C

Complementary

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



60008D



2D8D00

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.



004E1E



60008D



294300

Square

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



60008D



840000



004B00



005092

Rectangle

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



60008D



990031



004B00



004F48

Sweetspot

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



60008D



A681B8



002F8D



513B5C



DBDBDB



5C5C5C

Same Dimension

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



60008D



7D00B8



8D0075



454047



5C0087



050008

Inverse Universe

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



8D002D



B8003B



008D17



474043



87002B



080002

Previews

White Background



This preview shows how the Hex color 60008D looks on a white background.

Color Contrast Check

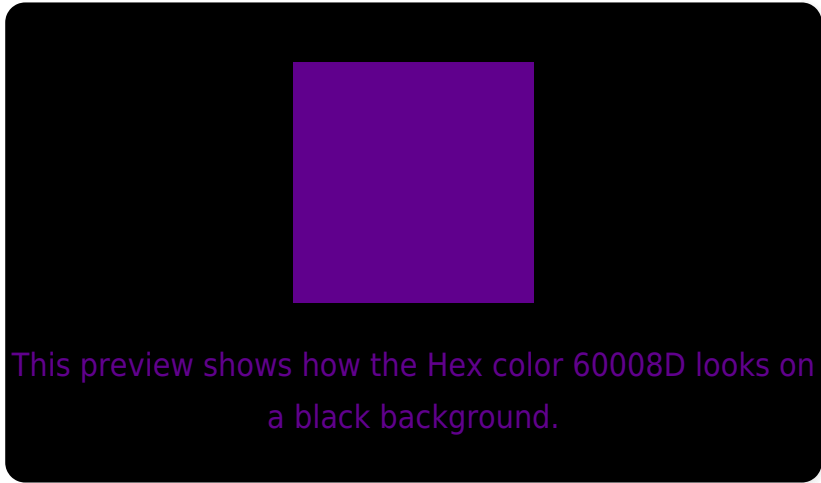
Large Text (above 18pt) WCAG AA ✓ Pass

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

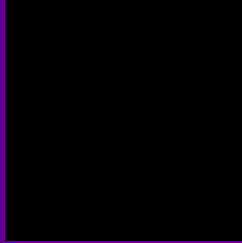
Any Text WCAG AA × Fail

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 60008D Background



This preview shows how black text looks on a background with the Hex color 60008D.



This preview shows how white text looks on a background with the Hex color 60008D.

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
60008D

Protanopia
003C7F

Deuteranopia
00406E



Tritanopia
52373B

Trichromacy



Original Color
60008D

Protanomaly
232684

Deuteranomaly
232979

Tritanomaly
572359

Monochromacy



Original Color
60008D

Achromatopsia
2D2D2D

Achromatomaly
401D50

CSS Examples

Text

The CSS property to change the color of the text to Hex 60008D 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 #60008D looks like.

```
.text, #text, p{  
    color:#60008D  
}
```

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 #60008D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60008D
}
```

Border

The CSS property to change the border of an element to Hex 60008D is called "border". The border property can be set on classes, ids or directly on the HTML element.

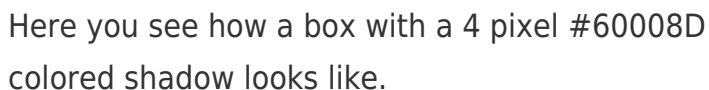
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#60008D }
```

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

```
.border{ border-color:#60008D }
```

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



Here you see how a box with a 4 pixel #60008D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60008D; -webkit-box-shadow:4px 4px  
4px 4px #60008D; box-shadow:4px 4px 4px  
4px #60008D }
```

Background

The CSS property to change the background color of an element to Hex 60008D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60008D }
```

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

```
.background{ background-color:#60008D }
```

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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