

Converting Colors

Hex(60038C)

Have a look what the booklet for
Hex(60038C) contains.

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Color

Hex(60038C)

Conversions

Conversions Part 1

Format	Color
Hex	60038C
RGB	96, 3, 140
RGB Percent	38%, 1%, 55%
CMY	0.6235, 0.9882, 0.4510
CMYK	0.31, 0.98, 0.00, 0.45
HSL	281°, 96%, 28%
HSV	281°, 98%, 55%
XYZ	9.5901, 4.4454, 25.1635
YIQ	46.4250, 11.4510, 62.3230

Conversions

Conversions Part 2

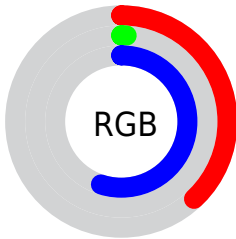
Format	Color
RYB	96, 3, 140
Decimal	6292364
CIELab	25.09, 55.65, -51.89
CIELCh	25, 76.086, 317.005
Yxy	4.4454, 0.2447, 0.1134
Android (android.graphics.Color)	4284482444 (0xFF60038C)
YUV	46.4250, 46.1325, 43.4773
Hunter-Lab	21.0840, 44.2935, -56.0030

Details

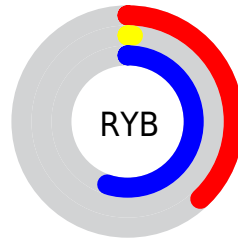
The Hex color **60038C** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **2F8C03**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **9743C3**, and **290059** is the 20% darker color. If you saturate the color by 10%, you get **5F008C**, and if you desaturate by 10%, it is **64118C**.

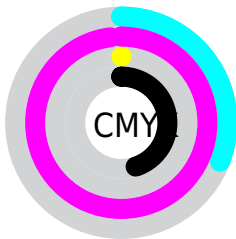
Distribution



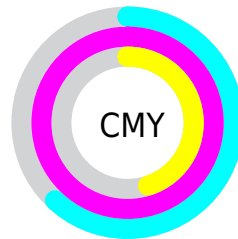
- Red (38%)
- Green (1%)
- Blue (55%)



- Red (38%)
- Yellow (1%)
- Blue (55%)



- Cyan (31%)
- Magenta (98%)
- Yellow (0%)
- Black (45%)



- Cyan (62%)
- Magenta (99%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 60038C 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 60038C by changing the saturation by 10% instead.

60038C

60038C

FFFFFF

450072

9743C3

290059

B45EDF

0A0040

D179FC

000329

EE94FF

000113

FFB0FF

000000

FFCCFF

FFE9FF

60038C

60038C

■ 5F008C

■ 64118C

■ 691F8C

■ 6D2D8C

■ 723B8C

■ 76498C

■ 7B578C

■ 7F658C

■ 84738C

■ 88818C

Harmonies

Analogous

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



003AAD



60038C



8F0057

Triad

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



60038C



5E3000



00505C

Complementary

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



60038C



2F8C03

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.



004E1F



60038C



2A4300

Square

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



60038C



830000



004B00



005091

Rectangle

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



60038C



980032



004B00



004F48

Sweetspot

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



60038C



A481B5



03318C



513C5C



DBDBDB



5C5C5C

Same Dimension

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



60038C



7B00B5



8C0375



433E45



5A0085



030005

Inverse Universe

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



8C032F



B5003A



038C1A



453E40



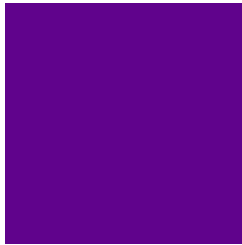
85002B



050002

Previews

White Background



This preview shows how the Hex color 60038C looks on a white background.

Color Contrast Check

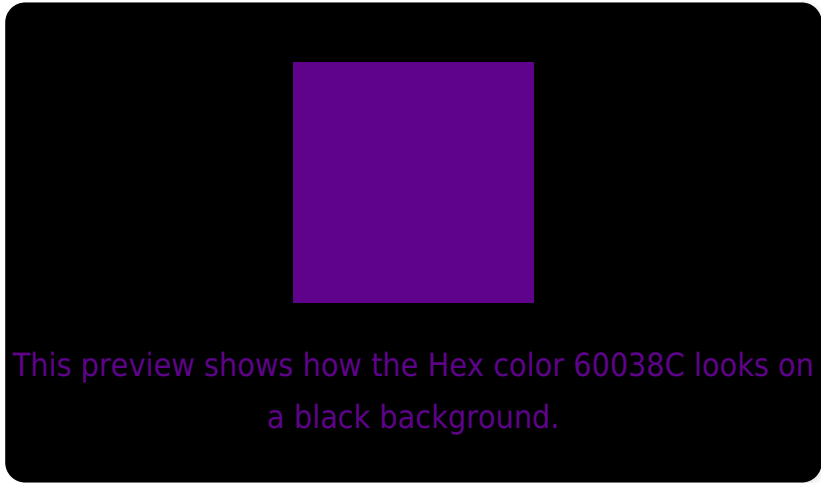
Large Text (above 18pt) WCAG AA ✓ Pass

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

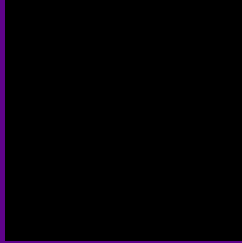
Any Text WCAG AA × Fail

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 60038C Background



This preview shows how black text looks on a background with the Hex color 60038C.



This preview shows how white text looks on a background with the Hex color 60038C.

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
60038C

Protanopia
003C7F

Deuteranopia
00406E



Tritanopia
52373B

Trichromacy



Original Color
60038C

Protanomaly
232784

Deuteranomaly
232A79

Tritanomaly
572458

Monochromacy



Original Color
60038C

Achromatopsia
2E2E2E

Achromatomaly
401E50

CSS Examples

Text

The CSS property to change the color of the text to Hex 60038C 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 #60038C looks like.

```
.text, #text, p{  
    color:#60038C  
}
```

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 #60038C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60038C
}
```

Border

The CSS property to change the border of an element to Hex 60038C is called "border". The border property can be set on classes, ids or directly on the HTML element.

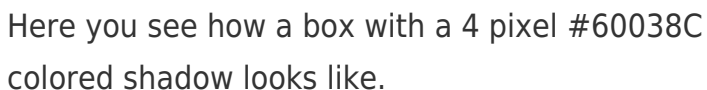
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#60038C }
```

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

```
.border{ border-color:#60038C }
```

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



Here you see how a box with a 4 pixel #60038C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60038C; -webkit-box-shadow:4px 4px  
4px 4px #60038C; box-shadow:4px 4px 4px  
4px #60038C }
```

Background

The CSS property to change the background color of an element to Hex 60038C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60038C }
```

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

```
.background{ background-color:#60038C }
```

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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