

Converting Colors

Hex(66008B)

Have a look what the booklet for
Hex(66008B) contains.

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Color

Hex(66008B)

Conversions

Conversions Part 1

Format	Color
Hex	66008B
RGB	102, 0, 139
RGB Percent	40%, 0%, 55%
CMY	0.6000, 1.0000, 0.4549
CMYK	0.27, 1.00, 0.00, 0.45
HSL	284°, 100%, 27%
HSV	284°, 100%, 55%
XYZ	10.1397, 4.6889, 24.7967
YIQ	46.3440, 16.1730, 64.8530

Conversions

Conversions Part 2

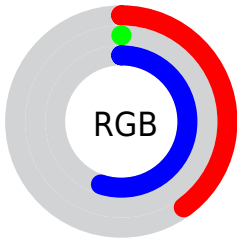
Format	Color
R_{YB}	102, 0, 139
Decimal	6684811
CIE Lab	25.83, 56.84, -50.02
CIE LCh	26, 75.711, 318.653
Yxy	4.6889, 0.2559, 0.1183
Android (android.graphics.Color)	4284874891 (0xFF66008B)
YUV	46.3440, 45.6794, 48.8103
Hunter-Lab	21.6538, 45.6911, -52.7380

Details

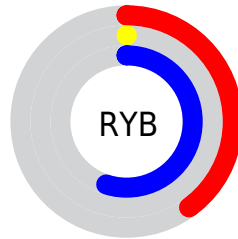
The Hex color **66008B** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **258B00**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **9D43C1**, and **300058** is the 20% darker color. If you saturate the color by 10%, you get **66008B**, and if you desaturate by 10%, it is **6A0E8B**.

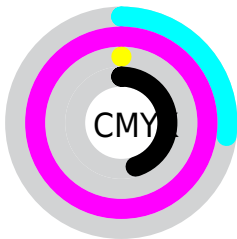
Distribution



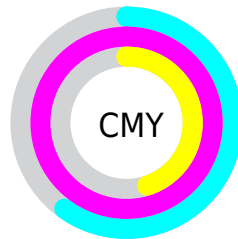
- Red (40%)
- Green (0%)
- Blue (55%)



- Red (40%)
- Yellow (0%)
- Blue (55%)



- Cyan (27%)
- Magenta (100%)
- Yellow (0%)
- Black (45%)



- Cyan (60%)
- Magenta (100%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 66008B 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 66008B by changing the saturation by 10% instead.

 66008B

 66008B

FFFFFF

 4B0071

 9D43C1

 300058

 BA5EDE

 140040

 D779FB

 000328

 F595FF

 000112

 FFB0FF

 000000

 FFCDFD

 FFEAFF

 66008B

 6A0E8B

 6D1C8B

 712A8B

 75388B

 79468B

 7C538B

 80618B

 846F8B

 877D8B

Harmonies

Analogous

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



003AAE



66008B



920056

Triad

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



66008B



5E3300



005261

Complementary

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



66008B



258B00

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.



005024



66008B



284500

Square

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



66008B



840000



004D00



005295

Rectangle

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



66008B



9A0030



004D00



00514D

Sweetspot

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



66008B



A77FB5



00258B



533B5C



DBDBDB



5C5C5C

Same Dimension

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



66008B



8500B5



8B006B



433E45



610085



040005

Inverse Universe

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



8B0025



B50030



008B20



453E40



850023



050001

Previews

White Background



This preview shows how the Hex color 66008B looks on a white background.

Color Contrast Check

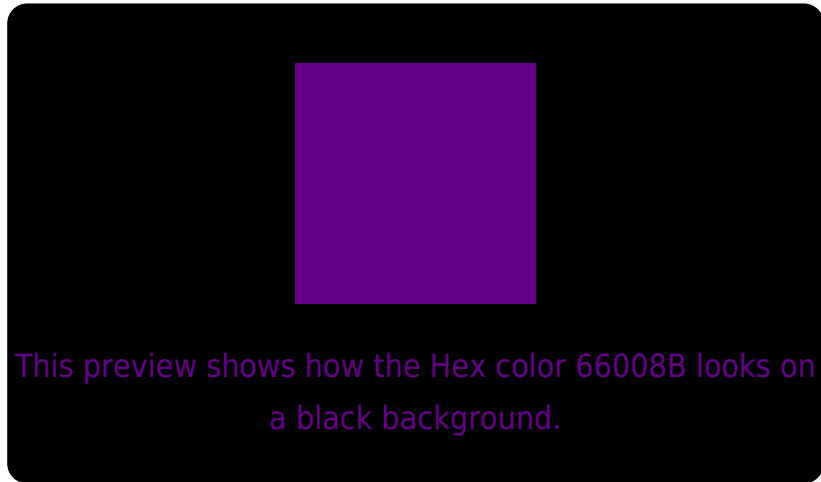
Large Text (above 18pt) WCAG AA ✓ Pass

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

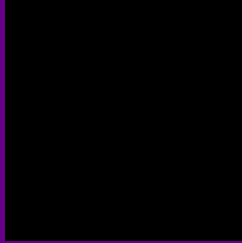
Any Text WCAG AA × Fail

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 66008B Background



This preview shows how black text looks on a background with the Hex color 66008B.



This preview shows how white text looks on a background with the Hex color 66008B.

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
66008B

Protanopia
003E83

Deuteranopia
004272



Tritanopia
59363A

Trichromacy



Original Color
66008B

Protanomaly
252786

Deuteranomaly
252A7B

Tritanomaly
5E2257

Monochromacy



Original Color
66008B

Achromatopsia
2E2E2E

Achromatomaly
421D50

CSS Examples

Text

The CSS property to change the color of the text to Hex 66008B 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 #66008B looks like.

```
.text, #text, p{  
    color:#66008B  
}
```

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 #66008B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66008B
}
```

Border

The CSS property to change the border of an element to Hex 66008B is called "border". The border property can be set on classes, ids or directly on the HTML element.

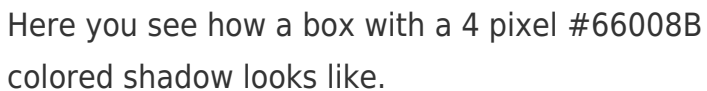
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#66008B }
```

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

```
.border{ border-color:#66008B }
```

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



Here you see how a box with a 4 pixel #66008B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66008B; -webkit-box-shadow:4px 4px  
4px 4px #66008B; box-shadow:4px 4px 4px  
4px #66008B }
```

Background

The CSS property to change the background color of an element to Hex 66008B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66008B }
```

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

```
.background{ background-color:#66008B }
```

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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