

Converting Colors

Hex(66016B)

Have a look what the booklet for
Hex(66016B) contains.

Hex(66016B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(66016B)

Conversions

Conversions Part 1

Format	Color
Hex	66016B
RGB	102, 1, 107
RGB Percent	40%, 0%, 42%
CMY	0.6000, 0.9961, 0.5804
CMYK	0.05, 0.99, 0.00, 0.58
HSL	297°, 98%, 21%
HSV	297°, 99%, 42%
XYZ	8.1442, 3.9080, 14.2350
YIQ	43.2830, 26.1700, 54.3780

Conversions

Conversions Part 2

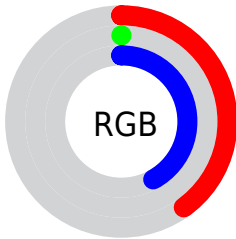
Format	Color
R_{YB}	102, 1, 107
Decimal	6685035
CIE _{Lab}	23.37, 50.75, -33.64
CIE _{LCh}	23, 60.888, 326.467
Yxy	3.9080, 0.3098, 0.1487
Android (android.graphics.Color)	4284875115 (0xFF66016B)
YUV	43.2830, 31.4125, 51.4948
Hunter-Lab	19.7687, 38.9419, -28.8552

Details

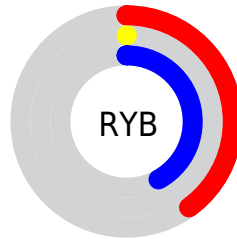
The Hex color **66016B** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **066B01**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **9C419F**, and **33003B** is the 20% darker color. If you saturate the color by 10%, you get **66006B**, and if you desaturate by 10%, it is **670C6B**.

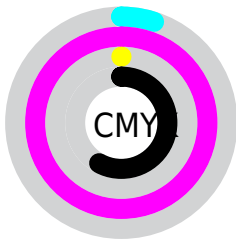
Distribution



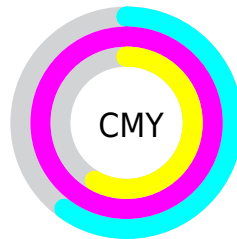
- Red (40%)
- Green (0%)
- Blue (42%)



- Red (40%)
- Yellow (0%)
- Blue (42%)



- Cyan (5%)
- Magenta (99%)
- Yellow (0%)
- Black (58%)



- Cyan (60%)
- Magenta (100%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 66016B 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 66016B by changing the saturation by 10% instead.

 66016B

 66016B

FFFFFF

 4C0052

 9C419F

 33003B

 B85CBA

 180024

 D576D6

 00000C

 F291F3

 000000

 FFADFF

 FFC9FF

 FFE6FF

 66016B

 66016B

■ 66006B

■ 670C6B

■ 67166B

■ 68216B

■ 682C6B

■ 69366B

■ 69416B

■ 6A4C6B

■ 6A576B

■ 6B616B

Harmonies

Analogous

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



0B2E8B



66016B



80003F

Triad

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



66016B



4A3400



004960

Complementary

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



66016B



066B01

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.



004831



66016B



1C4000

Square

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



66016B



6B1C00



004600



004885

Rectangle

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



66016B



820022



004600



004951

Sweetspot

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



66016B



8A628C



01066B



462E47



C7C7C7



474747

Same Dimension

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



66016B



86008C



6B013B



353036



700075



E900F5

Inverse Universe

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



6B0106



8C0007



016B31



363030



750006



F5000C

Previews

White Background



This preview shows how the Hex color 66016B looks on a white background.

Color Contrast Check

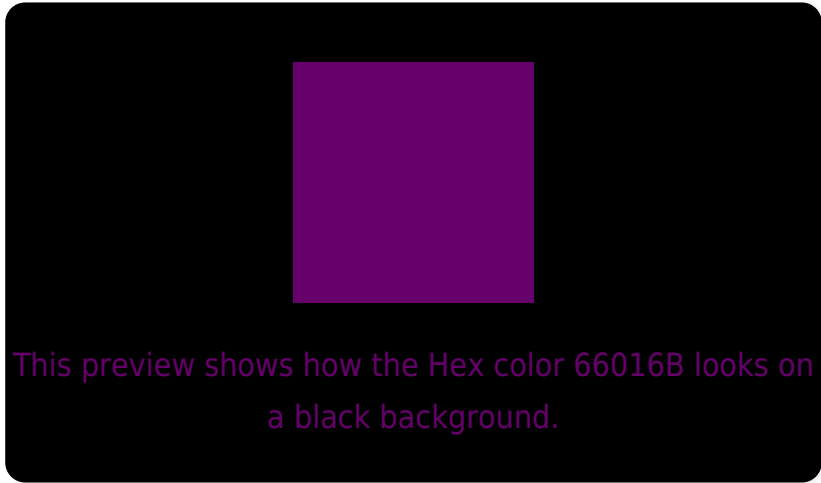
Large Text (above 18pt) WCAG AA ✓ Pass

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

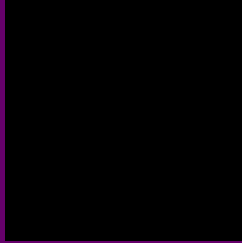
Any Text WCAG AA × Fail

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 66016B Background



This preview shows how black text looks on a background with the Hex color 66016B.



This preview shows how white text looks on a background with the Hex color 66016B.

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
66016B

Protanopia
003979

Deuteranopia
1D3C65



Tritanopia
5F2A2D

Trichromacy



Original Color
66016B

Protanomaly
252574

Deuteranomaly
382767

Tritanomaly
621B44

Monochromacy



Original Color
66016B

Achromatopsia
2B2B2B

Achromatomaly
401C42

CSS Examples

Text

The CSS property to change the color of the text to Hex 66016B 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 #66016B looks like.

```
.text, #text, p{  
    color:#66016B  
}
```

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 #66016B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66016B
}
```

Border

The CSS property to change the border of an element to Hex 66016B is called "border". The border property can be set on classes, ids or directly on the HTML element.

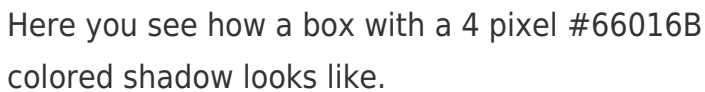
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#66016B }
```

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

```
.border{ border-color:#66016B }
```

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



Here you see how a box with a 4 pixel #66016B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66016B; -webkit-box-shadow:4px 4px  
4px 4px #66016B; box-shadow:4px 4px 4px  
4px #66016B }
```

Background

The CSS property to change the background color of an element to Hex 66016B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66016B }
```

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

```
.background{ background-color:#66016B }
```

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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