

Converting Colors

Hex(61006B)

Have a look what the booklet for
Hex(61006B) contains.

Hex(61006B)	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(61006B)

Conversions

Conversions Part 1

Format	Color
Hex	61006B
RGB	97, 0, 107
RGB Percent	38%, 0%, 42%
CMY	0.6196, 1.0000, 0.5804
CMYK	0.09, 1.00, 0.00, 0.58
HSL	294°, 100%, 21%
HSV	294°, 100%, 42%
XYZ	7.5836, 3.6029, 14.2057
YIQ	41.2010, 23.4650, 53.8410

Conversions

Conversions Part 2

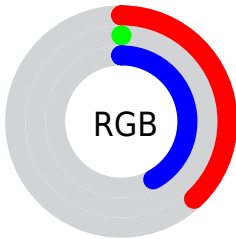
Format	Color
RYB	97, 0, 107
Decimal	6357099
CIELab	22.31, 50.11, -35.38
CIELCh	22, 61.343, 324.777
Yxy	3.6029, 0.2987, 0.1419
Android (android.graphics.Color)	4284547179 (0xFF61006B)
YUV	41.2010, 32.4389, 48.9357
Hunter-Lab	18.9814, 38.0985, -31.0857

Details

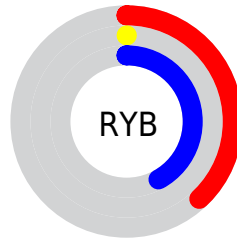
The Hex color **61006B** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **0A6B00**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **97409F**, and **2F003B** is the 20% darker color. If you saturate the color by 10%, you get **61006B**, and if you desaturate by 10%, it is **620B6B**.

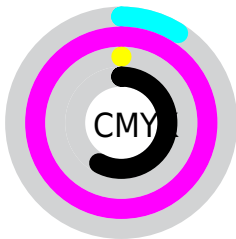
Distribution



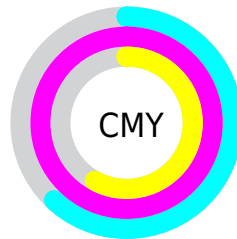
- Red (38%)
- Green (0%)
- Blue (42%)



- Red (38%)
- Yellow (0%)
- Blue (42%)



- Cyan (9%)
- Magenta (100%)
- Yellow (0%)
- Black (58%)



- Cyan (62%)
- Magenta (100%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 61006B 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 61006B by changing the saturation by 10% instead.

 61006B

 61006B

FFFFFF

 470052

 97409F

 2F003B

 B35ABA

 100024

 CF74D6

 00000C

 ED8FF3

 000000

 FFABFF

 FFC7FF

 FFE4FF

 61006B

 620B6B

 63156B

 64206B

 652B6B

 66366B

 67406B

 684B6B

 69566B

 6A606B

Harmonies

Analogous

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



002D8A



61006B



7D003F

Triad

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



61006B



493100



00475B

Complementary

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



61006B



0A6B00

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.



00462C



61006B



1C3E00

Square

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



61006B



6A1600



004300



004581

Rectangle

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



61006B



800022



004300



00464C

Sweetspot

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



61006B



88628C



000B6B



452E47



C7C7C7



474747

Same Dimension

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



61006B



7F008C



6B0040



353036



6A0075



DE00F5

Inverse Universe

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



6B000A



8C000D



006B2B



363031



75000B



F50017

Previews

White Background



This preview shows how the Hex color 61006B looks on a white background.

Color Contrast Check

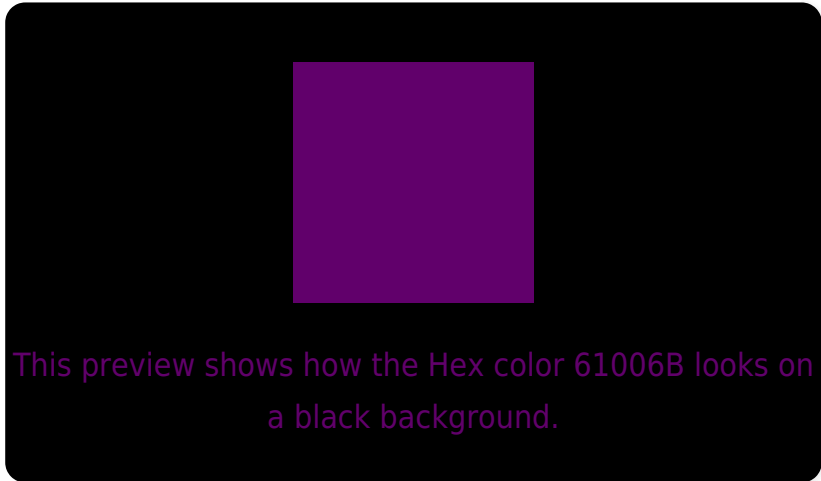
Large Text (above 18pt) WCAG AA ✓ Pass

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

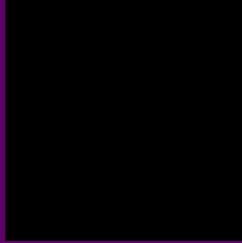
Any Text WCAG AA × Fail

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 61006B Background



This preview shows how black text looks on a background with the Hex color 61006B.



This preview shows how white text looks on a background with the Hex color 61006B.

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
61006B

Protanopia
003774

Deuteranopia
133A65

Trichromacy



Original Color
61006B

Protanomaly
232371

Deuteranomaly
2F2567

Tritanomaly
5C1B44

Monochromacy



Original Color
61006B

Achromatopsia
292929

Achromatomaly
3D1A41

CSS Examples

Text

The CSS property to change the color of the text to Hex 61006B 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 #61006B looks like.

```
.text, #text, p{  
    color:#61006B  
}
```

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 #61006B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61006B
}
```

Border

The CSS property to change the border of an element to Hex 61006B is called "border". The border property can be set on classes, ids or directly on the HTML element.

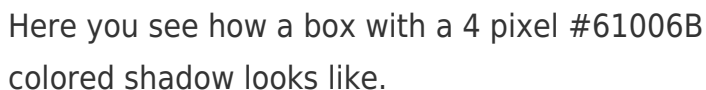
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#61006B }
```

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

```
.border{ border-color:#61006B }
```

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



Here you see how a box with a 4 pixel #61006B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61006B; -webkit-box-shadow:4px 4px  
4px 4px #61006B; box-shadow:4px 4px 4px  
4px #61006B }
```

Background

The CSS property to change the background color of an element to Hex 61006B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61006B }
```

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

```
.background{ background-color:#61006B }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor