

Converting Colors

Hex(5C006B)

Have a look what the booklet for
Hex(5C006B) contains.

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Color

Hex(5C006B)

Conversions

Conversions Part 1

Format	Color
Hex	5C006B
RGB	92, 0, 107
RGB Percent	36%, 0%, 42%
CMY	0.6392, 1.0000, 0.5804
CMYK	0.14, 1.00, 0.00, 0.58
HSL	292°, 100%, 21%
HSV	292°, 100%, 42%
XYZ	7.0675, 3.3368, 14.1815
YIQ	39.7060, 20.4850, 52.7810

Conversions

Conversions Part 2

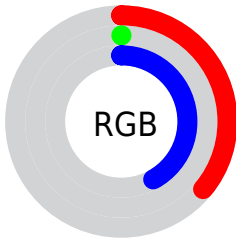
Format	Color
RYB	92, 0, 107
Decimal	6029419
CIELab	21.35, 49.28, -36.99
CIELCh	21, 61.621, 323.109
Yxy	3.3368, 0.2875, 0.1357
Android (android.graphics.Color)	4284219499 (0xFF5C006B)
YUV	39.7060, 33.1759, 45.8618
Hunter-Lab	18.2670, 37.0939, -33.2425

Details

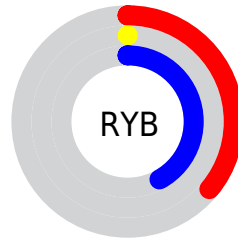
The Hex color **5C006B** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **0F6B00**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **923E9F**, and **2B003B** is the 20% darker color. If you saturate the color by 10%, you get **5C006B**, and if you desaturate by 10%, it is **5D0B6B**.

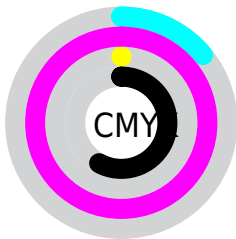
Distribution



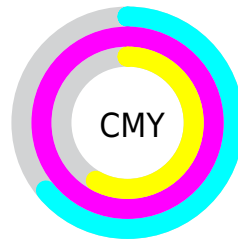
- Red (36%)
- Green (0%)
- Blue (42%)



- Red (36%)
- Yellow (0%)
- Blue (42%)



- Cyan (14%)
- Magenta (100%)
- Yellow (0%)
- Black (58%)



- Cyan (64%)
- Magenta (100%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5C006B 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 5C006B by changing the saturation by 10% instead.

 5C006B

 5C006B

FFFFFF

 420052

 923E9F

 2B003B

 AD59BA

 040024

 CA73D6

 00000C

 E78EF3

 000000

 FFA9FF

 FFC5FF

 FFE2FF

 5C006B

 5D0B6B

 5F156B

 60206B

 622B6B

 63366B

 65406B

 664B6B

 68566B

 6A606B

Harmonies

Analogous

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



002D89



5C006B



7A0040

Triad

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



5C006B



492E00



004456

Complementary

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



5C006B



0F6B00

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.



004327



5C006B



1C3B00

Square

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



5C006B



691100



004100



00437D

Rectangle

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



5C006B



7D0022



004100



004447

Sweetspot

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



5C006B



86628C



00106B



442E47



C7C7C7



474747

Same Dimension

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



5C006B



79008C



6B0046



353036



650075



D200F5

Inverse Universe

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



6B000F



8C0014



006B25



363031



750010



F50022

Previews

White Background



This preview shows how the Hex color 5C006B looks on a white background.

Color Contrast Check

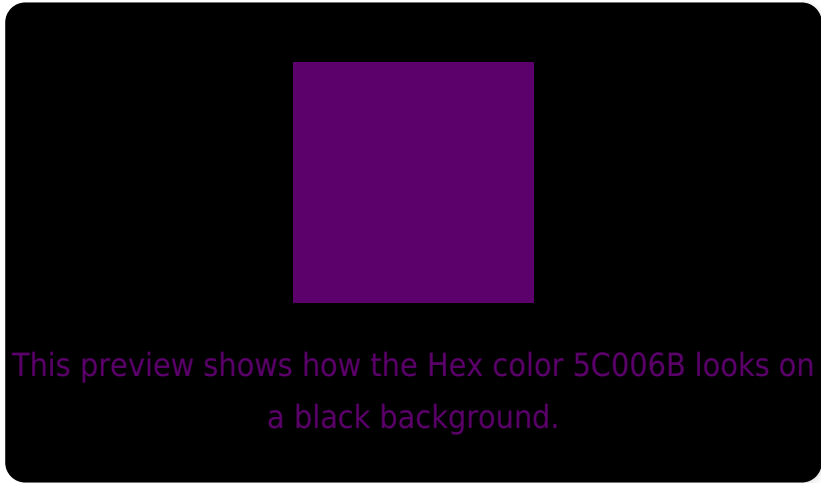
Large Text (above 18pt) WCAG AA ✓ Pass

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

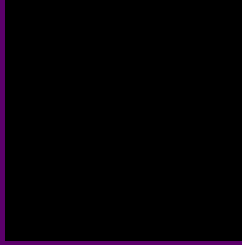
Any Text WCAG AA × Fail

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 5C006B Background



This preview shows how black text looks on a background with the Hex color 5C006B.



This preview shows how white text looks on a background with the Hex color 5C006B.

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
5C006B

Protanopia
003570

Deuteranopia
003863

Trichromacy



Original Color
5C006B



Protanomaly
21226E



Deuteranomaly
212466



Tritanomaly
571B44

Monochromacy



Original Color
5C006B



Achromatopsia
282828



Achromatomaly
3B1940

CSS Examples

Text

The CSS property to change the color of the text to Hex 5C006B 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 #5C006B looks like.

```
.text, #text, p{  
    color:#5C006B  
}
```

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 #5C006B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C006B
}
```

Border

The CSS property to change the border of an element to Hex 5C006B 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".

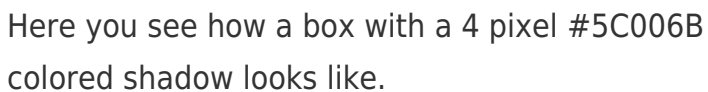
```
.border, #border, table{ border:4px solid
#5C006B }
```

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

```
.border{ border-color:#5C006B }
```

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

Here you see how a box with a 4 pixel #5C006B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C006B; -webkit-box-shadow:4px 4px  
4px 4px #5C006B; box-shadow:4px 4px 4px  
4px #5C006B }
```

Background

The CSS property to change the background color of an element to Hex 5C006B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C006B }
```

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

```
.background{ background-color:#5C006B }
```

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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