

# Converting Colors

Hex(59006D)

Have a look what the booklet for  
Hex(59006D) contains.

<b>Hex(59006D)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(59006D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	59006D
RGB	89, 0, 109
RGB Percent	35%, 0%, 43%
CMY	0.6510, 1.0000, 0.5725
CMYK	0.18, 1.00, 0.00, 0.57
HSL	289°, 100%, 21%
HSV	289°, 100%, 43%
XYZ	6.8801, 3.2280, 14.7284
YIQ	39.0370, 18.0550, 52.7670

# Conversions

## Conversions Part 2

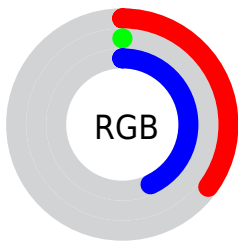
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	89, 0, 109
Decimal	5832813
CIE <sub>Lab</sub>	20.93, 49.18, -38.99
CIE <sub>LCh</sub>	21, 62.757, 321.595
Yxy	3.2280, 0.2770, 0.1300
Android (android.graphics.Color)	4284022893 (0xFF59006D)
YUV	39.0370, 34.4918, 43.8176
Hunter-Lab	17.9666, 36.9136, -36.0275

# Details

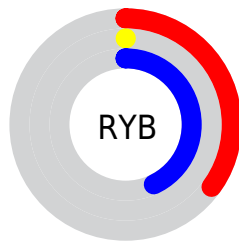
The Hex color **59006D** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **146D00**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **8F3EA1**, and **29003D** is the 20% darker color. If you saturate the color by 10%, you get **59006D**, and if you desaturate by 10%, it is **5B0B6D**.

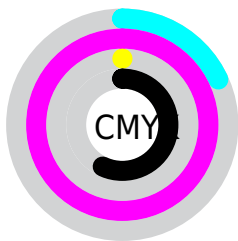
# Distribution



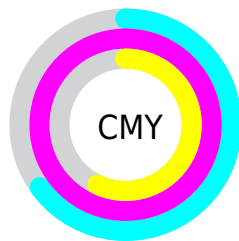
- Red (35%)
- Green (0%)
- Blue (43%)



- Red (35%)
- Yellow (0%)
- Blue (43%)



- Cyan (18%)
- Magenta (100%)
- Yellow (0%)
- Black (57%)



- Cyan (65%)
- Magenta (100%)
- Yellow (57%)
- Black (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 59006D 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 59006D by changing the saturation by 10% instead.



 59006D

 59006D

FFFEFF

 3F0054

 8F3EA1

 29003D

 AA58BD

 000026

 C772D9

 00010E

 E48DF5

 000000

 FFA8FF

 FFC4FF

 FFE1FF

 59006D

 5B0B6D

 5D166D

 5F216D

 612C6D

 63376D

 65416D

 674C6D

 69576D

 6B626D

# Harmonies

## Analogous

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



002D8B



59006D



790041

# Triad

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



59006D



4A2C00



004354

# Complementary

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



59006D



146D00

# 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.



004223



59006D



1D3A00

# Square

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



59006D



690B00



004000



00437C

# Rectangle

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



59006D



7D0023



004000



004344



# Sweetspot

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



59006D



87648F



00166D



432E47



C7C7C7



474747



# Same Dimension

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



59006D



75008F



6D004C



353036



600075



C800F5



# Inverse Universe

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



6D0014



8F001A



006D21



363031



750016



F5002D



# Previews

## White Background



This preview shows how the Hex color 59006D looks on a white background.

## Color Contrast Check

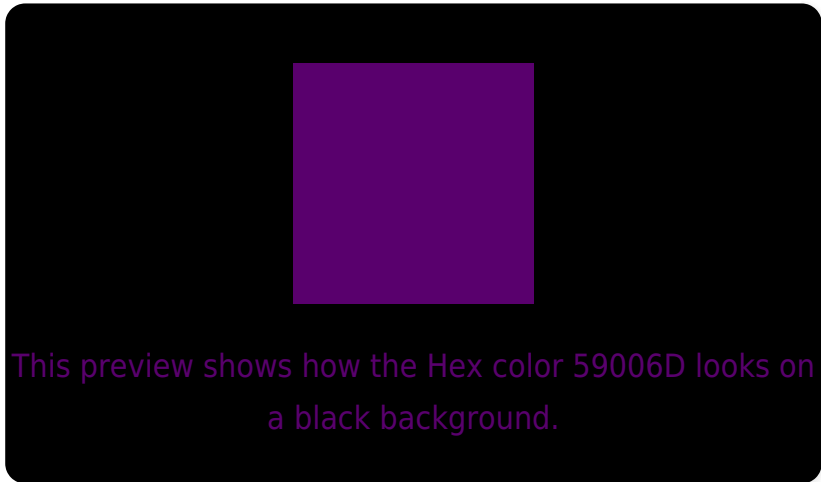
Large Text (above 18pt) WCAG AA ✓ Pass

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

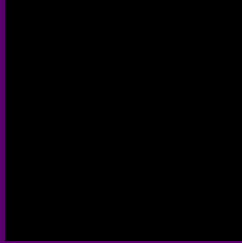
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 59006D Background



This preview shows how black text looks on a background with the Hex color 59006D.



This preview shows how white text looks on a background with the Hex color 59006D.

# 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**  
59006D

**Protanopia**  
00346E

**Deuteranopia**  
003761



**Tritanopia**  
502B2E

# Trichromacy



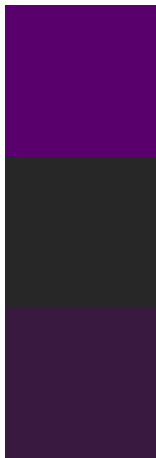
**Original Color**  
59006D

**Protanomaly**  
20216E

**Deuteranomaly**  
202365

**Tritanomaly**  
531B45

# Monochromacy



**Original Color**  
59006D

**Achromatopsia**  
272727

**Achromatomaly**  
391940

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 59006D 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 #59006D looks like.

```
.text, #text, p{  
    color:#59006D  
}
```

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 #59006D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59006D
}
```

## Border

The CSS property to change the border of an element to Hex 59006D is called "border". The border property can be set on classes, ids or directly on the HTML element.

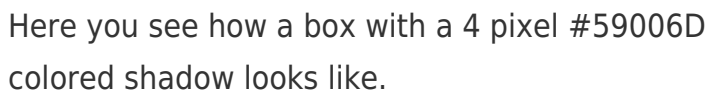
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#59006D }
```

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

```
.border{ border-color:#59006D }
```

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



Here you see how a box with a 4 pixel #59006D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59006D; -webkit-box-shadow:4px 4px  
4px 4px #59006D; box-shadow:4px 4px 4px  
4px #59006D }
```

# Background

The CSS property to change the background color of an element to Hex 59006D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59006D }
```

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

```
.background{ background-color:#59006D }
```

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