

Converting Colors

Hex(000059)

Have a look what the booklet for
Hex(000059) contains.

Hex(000059)	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(000059)

Conversions

Conversions Part 1

Format	Color
Hex	000059
RGB	0, 0, 89
RGB Percent	0%, 0%, 35%
CMY	1.0000, 1.0000, 0.6510
CMYK	1.00, 1.00, 0.00, 0.65
HSL	240°, 100%, 17%
HSV	240°, 100%, 35%
XYZ	1.8032, 0.7213, 9.4954
YIQ	10.1460, -28.5690, 27.6790

Conversions

Conversions Part 2

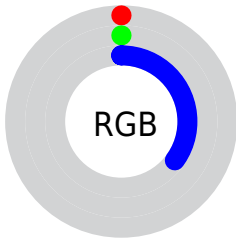
Format	Color
R _Y B	0, 0, 89
Decimal	89
CIE Lab	6.52, 36.30, -49.87
CIE LCh	7, 61.687, 306.053
Yxy	0.7213, 0.1500, 0.0600
Android (android.graphics.Color)	4278190169 (0xFF000059)
YUV	10.1460, 38.8750, -8.8980
Hunter-Lab	8.4928, 23.0366, -60.3446

Details

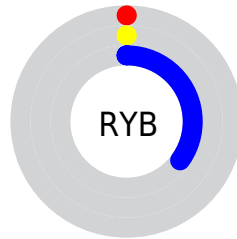
The Hex color **000059** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **595900**, and the grayscale version is **0A0A0A**.

A 20% lighter version of the original color is **442C8C**, and **00032A** is the 20% darker color. If you saturate the color by 10%, you get **000059**, and if you desaturate by 10%, it is **090959**.

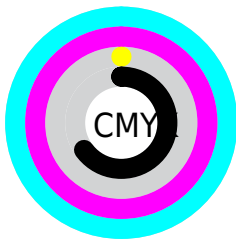
Distribution



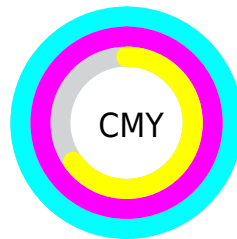
- Red (0%)
- Green (0%)
- Blue (35%)



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



- Cyan (100%)
- Magenta (100%)
- Yellow (0%)
- Black (65%)



- Cyan (100%)
- Magenta (100%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 000059 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 000059 by changing the saturation by 10% instead.

 000059

 000059

 FFE1FF

 000041

 442C8C

 00032A

 6043A7

 000114

 7B5BC3

 000000

 9774DF

 B38EFC

 CFA9FF

 EDC4FF

 000059

■ 090959

■ 121259

■ 1B1B59

■ 242459

■ 2D2D59

■ 353559

■ 3E3E59

■ 474759

■ 505059

Harmonies

Analogous

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



001B6A



000059



450036

Triad

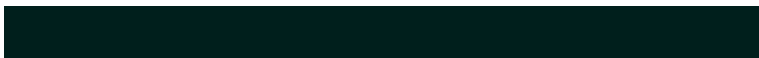
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



000059



340000



001F1C

Complementary

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



000059



595900

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.



001F00



000059



121700

Square

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



000059



490000



001F00



002245

Rectangle

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



000059



51001C



001F00



001F0C

Sweetspot

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



000059



505073



005959



26263B



BABABA



3B3B3B

Same Dimension

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



000059



000073



2D0059



27272B



00006B



0000EB

Inverse Universe

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



590059



730073



2D5900



2B272B



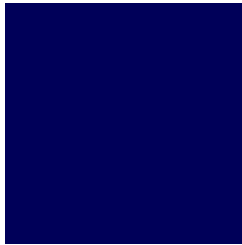
6B006B



EB00EB

Previews

White Background



This preview shows how the Hex color 000059 looks on a white background.

Color Contrast Check

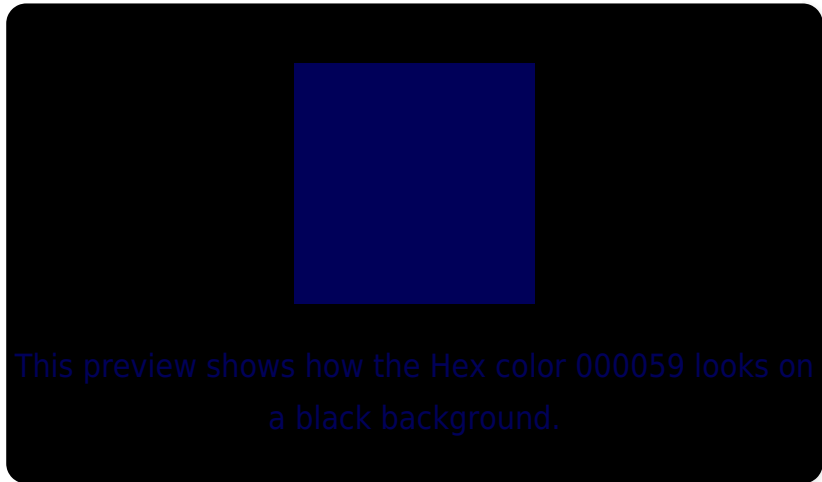
Large Text (above 18pt) WCAG AA ✓ Pass

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

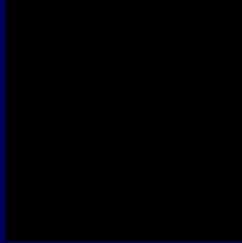
Any Text WCAG AA × Fail

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 000059 Background



This preview shows how black text looks on a background with the Hex color 000059.



This preview shows how white text looks on a background with the Hex color 000059.

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
000059

Protanopia
001A36

Deuteranopia
001C2E



Tritanopia
001E1F

Trichromacy



Original Color
000059

Protanomaly
001143

Deuteranomaly
00123E

Tritanomaly
001334

Monochromacy



Original Color
000059

Achromatopsia
0A0A0A

Achromatomaly
060627

CSS Examples

Text

The CSS property to change the color of the text to Hex 000059 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 #000059 looks like.

```
.text, #text, p{  
    color:#000059  
}
```

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 #000059 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #000059
}
```

Border

The CSS property to change the border of an element to Hex 000059 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
#000059 }
```

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

```
.border{ border-color:#000059 }
```

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

Here you see how a box with a 4 pixel #000059 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #000059; -webkit-box-shadow:4px 4px  
4px 4px #000059; box-shadow:4px 4px 4px  
4px #000059 }
```

Background

The CSS property to change the background color of an element to Hex 000059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#000059 }
```

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

```
.background{ background-color:#000059 }
```

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