

Converting Colors

Hex(000058)

Have a look what the booklet for
Hex(000058) contains.

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Color

Hex(000058)

Conversions

Conversions Part 1

Format	Color
Hex	000058
RGB	0, 0, 88
RGB Percent	0%, 0%, 35%
CMY	1.0000, 1.0000, 0.6549
CMYK	1.00, 1.00, 0.00, 0.65
HSL	240°, 100%, 17%
HSV	240°, 100%, 35%
XYZ	1.7615, 0.7046, 9.2757
YIQ	10.0320, -28.2480, 27.3680

Conversions

Conversions Part 2

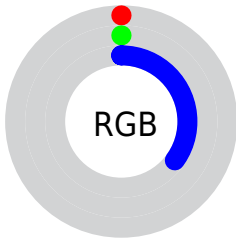
Format	Color
R_{YB}	0, 0, 88
Decimal	88
CIE Lab	6.36, 35.92, -49.44
CIE LCh	6, 61.112, 305.997
Yxy	0.7046, 0.1500, 0.0600
Android (android.graphics.Color)	4278190168 (0xFF000058)
YUV	10.0320, 38.4382, -8.7981
Hunter-Lab	8.3939, 22.7685, -59.6424

Details

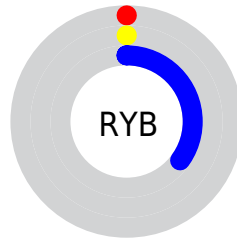
The Hex color **000058** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **585800**, and the grayscale version is **0A0A0A**.

A 20% lighter version of the original color is **442C8B**, and **000329** is the 20% darker color. If you saturate the color by 10%, you get **000058**, and if you desaturate by 10%, it is **090958**.

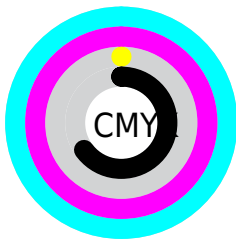
Distribution



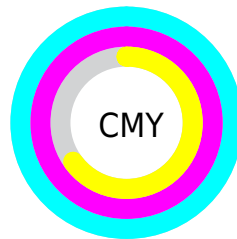
- Red (0%)
- Green (0%)
- Blue (35%)



- 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 000058 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 000058 by changing the saturation by 10% instead.

 000058

 000058

 FFE0FF

 000040

 442C8B

 000329

 5F43A6

 000113

 7A5BC2

 000000

 9674DE

 B28EFB

 CFA9FF

 ECC4FF

 000058

■ 090958

■ 121258

■ 1A1A58

■ 232358

■ 2C2C58

■ 353558

■ 3E3E58

■ 464658

■ 4F4F58

Harmonies

Analogous

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



001B69



000058



450036

Triad

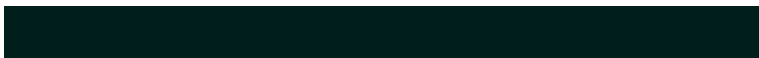
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



000058



330000



001F1C

Complementary

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



000058



585800

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.



001E00



000058



111600

Square

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



000058



480000



001E00



002144

Rectangle

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



000058



50001C



001E00



001F0C

Sweetspot

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



000058



505073



005858



26263B



BABABA



3B3B3B

Same Dimension

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



000058



000073



2C0058



27272B



00006B



0000EB

Inverse Universe

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



580058



730073



2C5800



2B272B



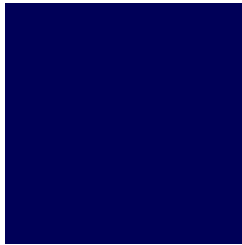
6B006B



EB00EB

Previews

White Background



This preview shows how the Hex color 000058 looks on a white background.

Color Contrast Check

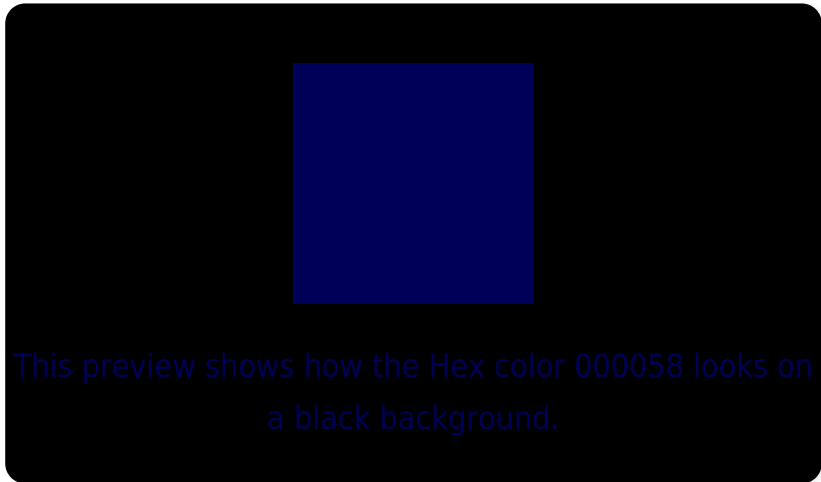
Large Text (above 18pt) WCAG AA ✓ Pass

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

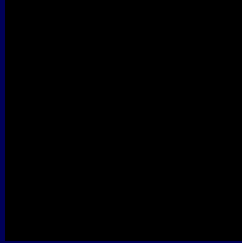
Any Text WCAG AA × Fail

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 000058 Background



This preview shows how black text looks on a background with the Hex color 000058.



This preview shows how white text looks on a background with the Hex color 000058.

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
000058

Protanopia
001A36

Deuteranopia
001B2E

Trichromacy



Original Color

000058

Protanomaly

001142

Deuteranomaly

00113D

Tritanomaly

001334

Monochromacy



Original Color

000058

Achromatopsia

0A0A0A

Achromatomaly

060626

CSS Examples

Text

The CSS property to change the color of the text to Hex 000058 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 #000058 looks like.

```
.text, #text, p{  
    color:#000058  
}
```

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 #000058 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #000058
}
```

Border

The CSS property to change the border of an element to Hex 000058 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
#000058 }
```

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

```
.border{ border-color:#000058 }
```

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

Here you see how a box with a 4 pixel #000058 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #000058; -webkit-box-shadow:4px 4px  
4px 4px #000058; box-shadow:4px 4px 4px  
4px #000058 }
```

Background

The CSS property to change the background color of an element to Hex 000058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#000058 }
```

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

```
.background{ background-color:#000058 }
```

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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