

Converting Colors

Hex(170059)

Have a look what the booklet for
Hex(170059) contains.

| | |
|--|----|
| Hex(170059) | 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(170059)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 170059 |
| RGB | 23, 0, 89 |
| RGB Percent | 9%, 0%, 35% |
| CMY | 0.9098, 1.0000, 0.6510 |
| CMYK | 0.74, 1.00, 0.00, 0.65 |
| HSL | 256°, 100%, 17% |
| HSV | 256°, 100%, 35% |
| XYZ | 2.1565, 0.9034, 9.5119 |
| YIQ | 17.0230, -14.8610, 32.5550 |

Conversions

Conversions Part 2

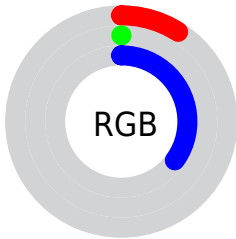
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 23, 0, 89 |
| Decimal | 1507417 |
| CIE _{Lab} | 8.16, 37.41, -47.09 |
| CIE _{LCh} | 8, 60.142, 308.469 |
| Yxy | 0.9034, 0.1715, 0.0719 |
| Android (android.graphics.Color) | 4279697497 (0xFF170059) |
| YUV | 17.0230, 35.4847, 5.2418 |
| Hunter-Lab | 9.5049, 23.8656, -52.6804 |

Details

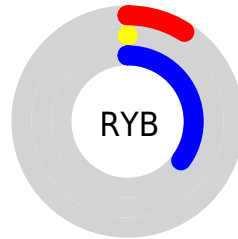
The Hex color **170059** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **425900**, and the grayscale version is **111111**.

A 20% lighter version of the original color is **502E8C**, and **00032A** is the 20% darker color. If you saturate the color by 10%, you get **170059**, and if you desaturate by 10%, it is **1E0959**.

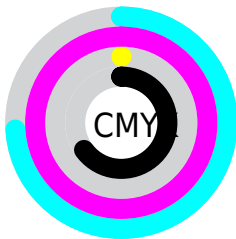
Distribution



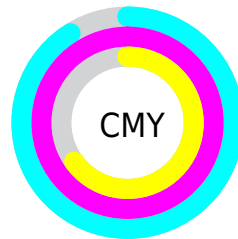
- Red (9%)
- Green (0%)
- Blue (35%)



- Red (9%)
- Yellow (0%)
- Blue (35%)



- Cyan (74%)
- Magenta (100%)
- Yellow (0%)
- Black (65%)



- Cyan (91%)
- Magenta (100%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the Hex color 170059 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 170059 by changing the saturation by 10% instead.

 170059

 170059

 FFE4FF

 000041

 502E8C

 00032A

 6A45A7

 000114

 855EC3

 000000

 A177DF

 BD91FC

 DAACFF

 F7C8FF

 170059

■ 1E0959

■ 241259

■ 2B1B59

■ 312459

■ 382D59

■ 3F3559

■ 453E59

■ 4C4759

■ 525059

Harmonies

Analogous

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



001D6B



170059



4B0036

Triad

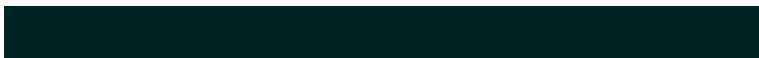
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



170059



350700



002423

Complementary

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



170059



425900

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.



002300



170059



141B00

Square

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



170059



4C0000



002300



00264A

Rectangle

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



170059



55001C



002300



002415

Sweetspot

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



170059



595073



004359



2B263B



BABABA



3B3B3B

Same Dimension

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



170059



1E0073



430059



28272B



1C006B



3D00EB

Inverse Universe

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



590042



730055



165900



2B272A



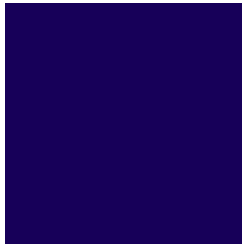
6B004F



EB00AE

Previews

White Background



This preview shows how the Hex color 170059 looks on a white background.

Color Contrast Check

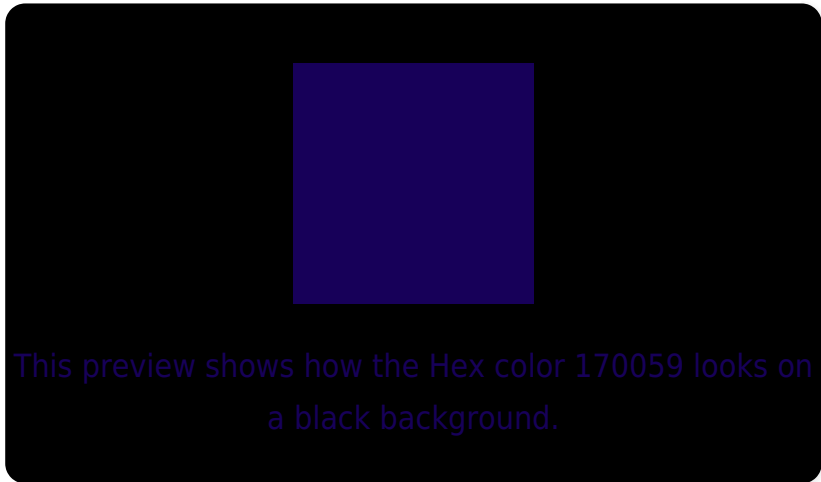
Large Text (above 18pt) WCAG AA ✓ Pass

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

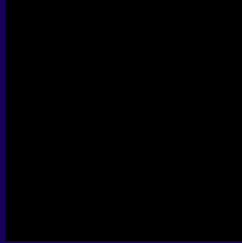
Any Text WCAG AA × Fail

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 170059 Background



This preview shows how black text looks on a background with the Hex color 170059.



This preview shows how white text looks on a background with the Hex color 170059.

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
170059

Protanopia
001C3A

Deuteranopia
001E31

Trichromacy



Original Color
170059

Protanomaly
081245

Deuteranomaly
081340

Tritanomaly
081436

Monochromacy



Original Color
170059

Achromatopsia
111111

Achromatomaly
130B2B

CSS Examples

Text

The CSS property to change the color of the text to Hex 170059 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 #170059 looks like.

```
.text, #text, p{  
    color:#170059  
}
```

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 #170059 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #170059
}
```

Border

The CSS property to change the border of an element to Hex 170059 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
#170059 }
```

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

```
.border{ border-color:#170059 }
```

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

Here you see how a box with a 4 pixel #170059 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #170059; -webkit-box-shadow:4px 4px  
4px 4px #170059; box-shadow:4px 4px 4px  
4px #170059 }
```

Background

The CSS property to change the background color of an element to Hex 170059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#170059 }
```

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

```
.background{ background-color:#170059 }
```

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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