

# Converting Colors

Hex(160059)

Have a look what the booklet for  
Hex(160059) contains.

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# Color

**Hex(160059)**

# Conversions

## Conversions Part 1

Format	Color
Hex	160059
RGB	22, 0, 89
RGB Percent	9%, 0%, 35%
CMY	0.9137, 1.0000, 0.6510
CMYK	0.75, 1.00, 0.00, 0.65
HSL	255°, 100%, 17%
HSV	255°, 100%, 35%
XYZ	2.1340, 0.8918, 9.5109
YIQ	16.7240, -15.4570, 32.3430

# Conversions

## Conversions Part 2

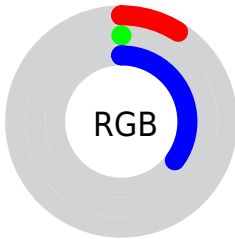
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	22, 0, 89
Decimal	1441881
CIE Lab	8.06, 37.37, -47.26
CIE LCh	8, 60.251, 308.330
Yxy	0.8918, 0.1702, 0.0711
Android (android.graphics.Color)	4279631961 (0xFF160059)
YUV	16.7240, 35.6321, 4.6271
Hunter-Lab	9.4437, 23.8100, -53.1008

# Details

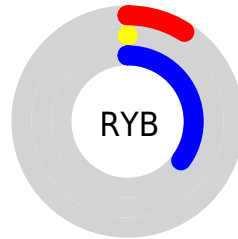
The Hex color **160059** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **435900**, and the grayscale version is **101010**.

A 20% lighter version of the original color is **4F2E8C**, and **00032A** is the 20% darker color. If you saturate the color by 10%, you get **160059**, and if you desaturate by 10%, it is **1D0959**.

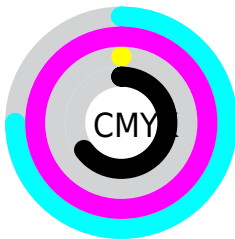
# Distribution



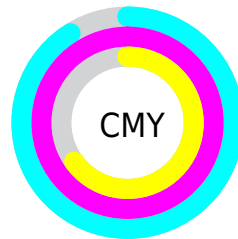
- Red (9%)
- Green (0%)
- Blue (35%)



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



- Cyan (75%)
- Magenta (100%)
- Yellow (0%)
- Black (65%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 160059 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 160059 by changing the saturation by 10% instead.



 160059

 160059

 FFE4FF

 000041

 4F2E8C

 00032A

 6A45A7

 000114

 855EC3

 000000

 A077DF

 BD91FC

 D9ACFF

 F7C8FF

 160059

■ 1D0959

■ 231259

■ 2A1B59

■ 312459

■ 382D59

■ 3E3559

■ 453E59

■ 4C4759

■ 525059

# Harmonies

## Analogous

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



001D6B



160059



4A0036

# Triad

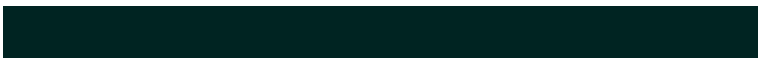
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



160059



350700



002422

# Complementary

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



160059



435900

# 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



160059



141A00

# Square

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



160059



4B0000



002300



00264A

# Rectangle

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



160059



54001C



002300



002314



# Sweetspot

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



160059



595073



004459



2B263B



BABABA



3B3B3B



# Same Dimension

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



160059



1C0073



410059



28272B



1A006B



3A00EB



# Inverse Universe

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



590043



730056



185900



2B272A



6B0051

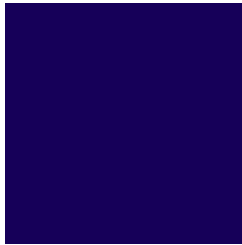


EB00B1



# Previews

## White Background



This preview shows how the Hex color 160059 looks on a white background.

## Color Contrast Check

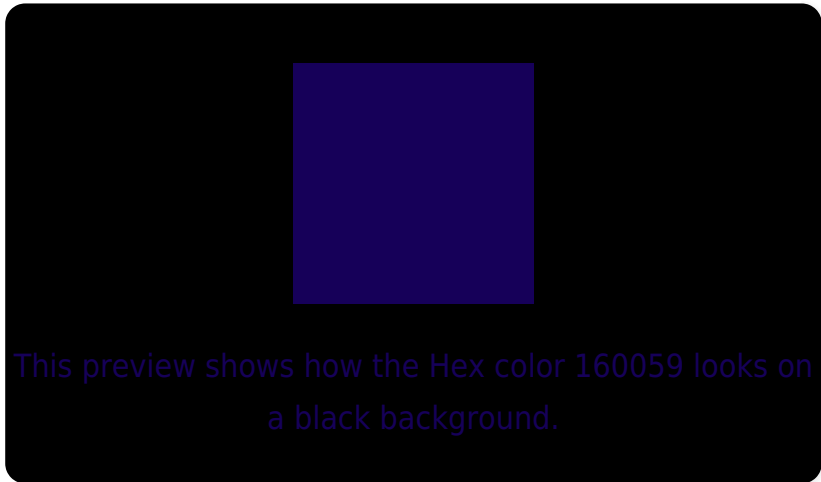
Large Text (above 18pt) WCAG AA ✓ Pass

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

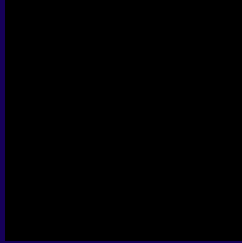
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 160059 Background



This preview shows how black text looks on a background with the Hex color 160059.



This preview shows how white text looks on a background with the Hex color 160059.

# 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**  
160059

**Protanopia**  
001C3A

**Deuteranopia**  
001E31



# Trichromacy



**Original Color**  
160059

**Protanomaly**  
081245

**Deuteranomaly**  
081340

**Tritanomaly**  
081435

# Monochromacy



**Original Color**  
160059

**Achromatopsia**  
111111

**Achromatomaly**  
130B2B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 160059 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 #160059 looks like.

```
.text, #text, p{  
    color:#160059  
}
```

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 #160059 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #160059
}
```

## Border

The CSS property to change the border of an element to Hex 160059 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
#160059 }
```

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

```
.border{ border-color:#160059 }
```

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

Here you see how a box with a 4 pixel #160059 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #160059; -webkit-box-shadow:4px 4px  
4px 4px #160059; box-shadow:4px 4px 4px  
4px #160059 }
```

# Background

The CSS property to change the background color of an element to Hex 160059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#160059 }
```

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

```
.background{ background-color:#160059 }
```

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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