

# Converting Colors

Hex(080249)

Have a look what the booklet for  
Hex(080249) contains.

<b>Hex(080249)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(080249)**

# Conversions

## Conversions Part 1

Format	Color
Hex	080249
RGB	8, 2, 73
RGB Percent	3%, 1%, 29%
CMY	0.9686, 0.9922, 0.7137
CMYK	0.89, 0.97, 0.00, 0.71
HSL	245°, 95%, 15%
HSV	245°, 97%, 29%
XYZ	1.3244, 0.5761, 6.3447
YIQ	11.8880, -19.2150, 23.3530

# Conversions

## Conversions Part 2

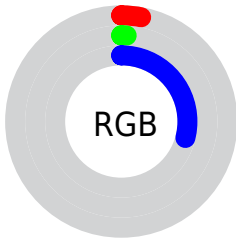
Format	Color
<a href="#">RYB</a>	<a href="#">8, 2, 73</a>
Decimal	<a href="#">524873</a>
CIELab	<a href="#">5.20, 28.92, -40.98</a>
CIELCh	<a href="#">5, 50.159, 305.215</a>
Yxy	<a href="#">0.5761, 0.1606, 0.0699</a>
Android (android.graphics.Color)	<a href="#">4278714953</a> (0xFF080249)
YUV	<a href="#">11.8880, 30.1282, -3.4098</a>
Hunter-Lab	<a href="#">7.5900, 17.8656, -44.2494</a>

# Details

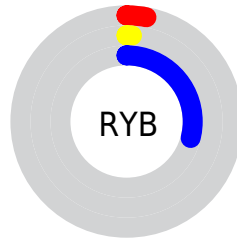
The Hex color **080249** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **434902**, and the grayscale version is **0C0C0C**.

A 20% lighter version of the original color is **412E7B**, and **00011C** is the 20% darker color. If you saturate the color by 10%, you get **060049**, and if you desaturate by 10%, it is **0F0949**.

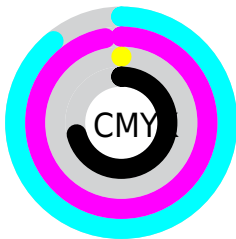
# Distribution



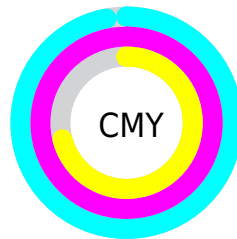
- Red (3%)
- Green (1%)
- Blue (29%)



- Red (3%)
- Yellow (1%)
- Blue (29%)



- Cyan (89%)
- Magenta (97%)
- Yellow (0%)
- Black (71%)



- Cyan (97%)
- Magenta (99%)
- Yellow (71%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 080249 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 080249 by changing the saturation by 10% instead.



 080249

 080249

 FFE1FF

 000032

 412E7B

 00011C

 5B4595

 000000

 755DB0

 9076CB

 AC8FE8

 C8AAFF

 E5C5FF

 080249

 080249

■ 060049

■ 0F0949

■ 151149

■ 1C1849

■ 231F49

■ 292649

■ 302E49

■ 373549

■ 3D3C49

■ 444449

# Harmonies

## Analogous

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



001656



080249



39002E

# Triad

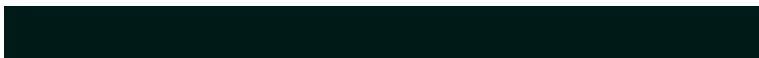
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



080249



2D0100



001B17

# Complementary

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



080249



434902

# 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.



001B00



080249



101300

# Square

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



080249



3E0000



001B00



001D38

# Rectangle

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



080249



430019



001B00



001B08



# Sweetspot

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



080249



45435E



024349



211F30



B0B0B0



303030



# Same Dimension

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



080249



08005E



2B0249



202024



080063



1300E3



# Inverse Universe

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



490243



5E0056



204902



242023



63005B

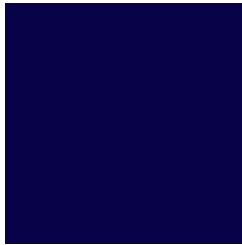


E300D0



# Previews

## White Background



This preview shows how the Hex color 080249 looks on a white background.

## Color Contrast Check

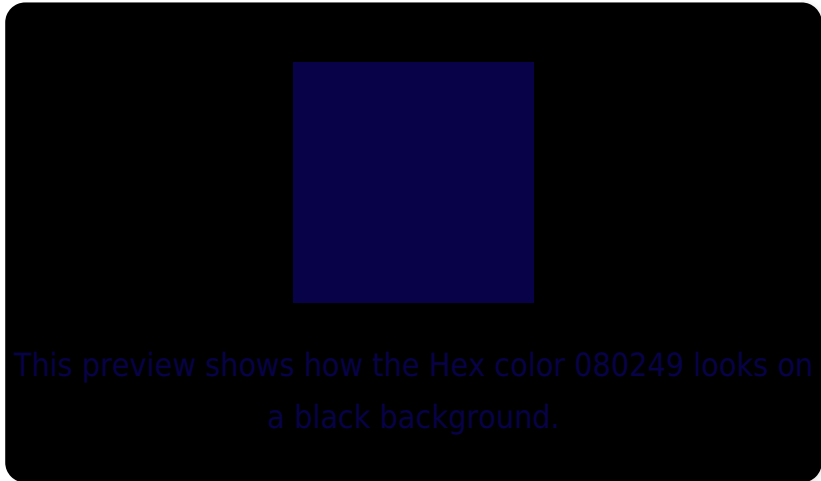
Large Text (above 18pt) WCAG AA ✓ Pass

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

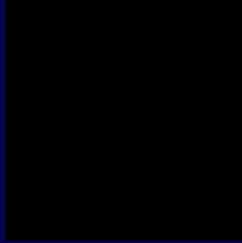
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 080249 Background



This preview shows how black text looks on a background with the Hex color 080249.



This preview shows how white text looks on a background with the Hex color 080249.

# 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**  
080249

**Protanopia**  
00162D

**Deuteranopia**  
001726



**Tritanopia**  
00191A

# Trichromacy



**Original Color**  
080249

**Protanomaly**  
030F37

**Deuteranomaly**  
030F33

**Tritanomaly**  
03112B

# Monochromacy



**Original Color**  
080249

**Achromatopsia**  
0C0C0C

**Achromatomaly**  
0B0822

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 080249 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 #080249 looks like.

```
.text, #text, p{  
    color:#080249  
}
```

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 #080249 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #080249
}
```

## Border

The CSS property to change the border of an element to Hex 080249 is called "border". The border property can be set on classes, ids or directly on the HTML element.

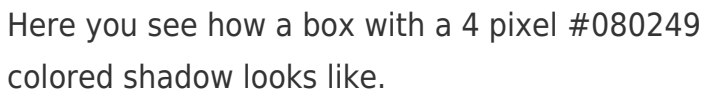
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#080249 }
```

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

```
.border{ border-color:#080249 }
```

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



Here you see how a box with a 4 pixel #080249 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #080249; -webkit-box-shadow:4px 4px  
4px 4px #080249; box-shadow:4px 4px 4px  
4px #080249 }
```

# Background

The CSS property to change the background color of an element to Hex 080249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#080249 }
```

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

```
.background{ background-color:#080249 }
```

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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