

# Converting Colors

Hex(040219)

Have a look what the booklet for  
Hex(040219) contains.

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# Color

**Hex(040219)**

# Conversions

## Conversions Part 1

Format	Color
Hex	040219
RGB	4, 2, 25
RGB Percent	2%, 1%, 10%
CMY	0.9843, 0.9922, 0.9020
CMYK	0.84, 0.92, 0.00, 0.90
HSL	245°, 85%, 5%
HSV	245°, 92%, 10%
XYZ	0.2472, 0.1394, 0.9336
YIQ	5.2200, -6.1910, 7.5770

# Conversions

## Conversions Part 2

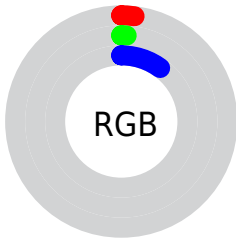
Format	Color
R <sub>Y</sub> B	4, 2, 25
Decimal	262681
CIE Lab	1.26, 4.70, -11.18
CIE LCh	1, 12.130, 292.798
Yxy	0.1394, 0.1873, 0.1056
Android (android.graphics.Color)	4278452761 (0xFF040219)
YUV	5.2200, 9.7515, -1.0699
Hunter-Lab	3.7338, 5.2856, -12.2107

# Details

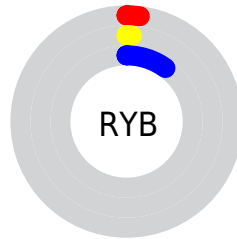
The Hex color **040219** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **171902**, and the grayscale version is **050505**.

A 20% lighter version of the original color is **313243**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **020019**, and if you desaturate by 10%, it is **060519**.

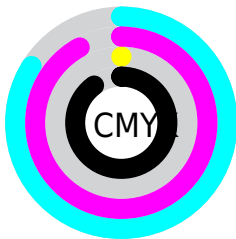
# Distribution



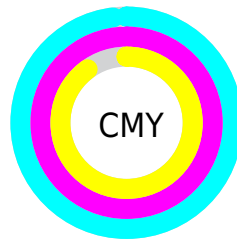
- Red (2%)
- Green (1%)
- Blue (10%)



- Red (2%)
- Yellow (1%)
- Blue (10%)



- Cyan (84%)
- Magenta (92%)
- Yellow (0%)
- Black (90%)



- Cyan (98%)
- Magenta (99%)
- Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 040219 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 040219 by changing the saturation by 10% instead.



■ 040219

■ 040219

■ E5E4FB

■ 000000

■ 313243

■ 48485B

■ 606074

■ 79788D

■ 9392A8

■ ADADC3

■ C9C8DF

■ 040219

■ 040219

■ 020019

■ 060519

■ 090719

■ 0B0A19

■ 0D0C19

■ 0F0F19

■ 121119

■ 141419

■ 161619

■ 191919

# Harmonies

## Analogous

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



00071A



040219



130014

# Triad

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



040219



160000



000901

# Complementary

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



040219



171902

# 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.



000900



040219



0B0300

# Square

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



040219



1B0000



000800



00090F

# Rectangle

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



040219



18000D



000800



000900



# Sweetspot

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



040219



191821



021719



0C0C12



919191



121212



# Same Dimension

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



040219



030021



0F0219



0C0B0D



07004D



1200CC



# Inverse Universe

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



190217



21001E



0C1902



0D0B0D



4D0046



CC00BA



# Previews

## White Background



This preview shows how the Hex color 040219 looks on a white background.

## Color Contrast Check

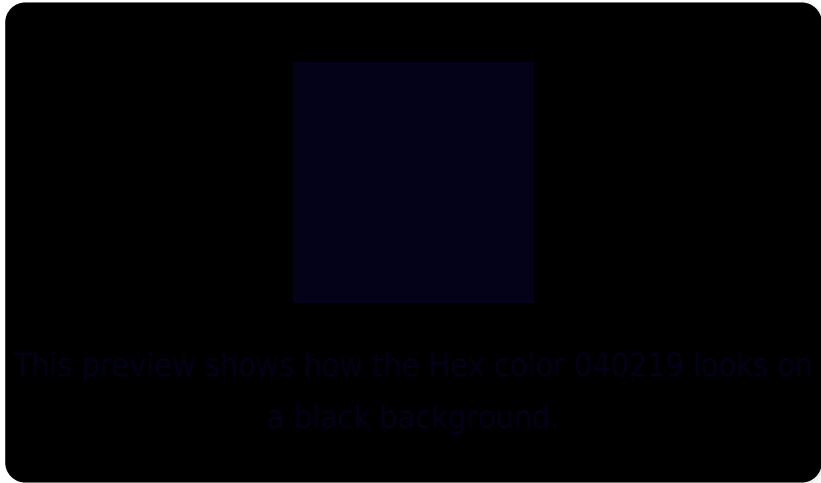
Large Text (above 18pt) WCAG AA ✓ Pass

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

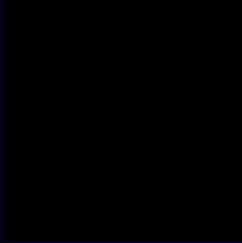
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 040219 Background



This preview shows how black text looks on a background with the Hex color 040219.



This preview shows how white text looks on a background with the Hex color 040219.

# 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](#).

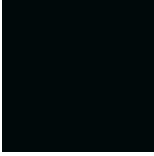
## Dichromacy



**Original Color**  
040219

**Protanopia**  
000810

**Deuteranopia**  
00080E



**Tritanopia**  
000909

# Trichromacy



**Original Color**

040219

**Protanomaly**

010613

**Deuteranomaly**

010612

**Tritanomaly**

01060F

# Monochromacy



**Original Color**

040219

**Achromatopsia**

050505

**Achromatomaly**

05040C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 040219 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 #040219 looks like.

```
.text, #text, p{  
    color:#040219  
}
```

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 #040219 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #040219
}
```

## Border

The CSS property to change the border of an element to Hex 040219 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
#040219 }
```

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

```
.border{ border-color:#040219 }
```

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

Here you see how a box with a 4 pixel #040219 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #040219; -webkit-box-shadow:4px 4px  
4px 4px #040219; box-shadow:4px 4px 4px  
4px #040219 }
```

# Background

The CSS property to change the background color of an element to Hex 040219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#040219 }
```

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

```
.background{ background-color:#040219 }
```

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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