

# Converting Colors

Hex(040309)

Have a look what the booklet for  
Hex(040309) contains.

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# Color

**Hex(040309)**

# Conversions

## Conversions Part 1

Format	Color
Hex	040309
RGB	4, 3, 9
RGB Percent	2%, 1%, 4%
CMY	0.9843, 0.9882, 0.9647
CMYK	0.56, 0.67, 0.00, 0.96
HSL	250°, 50%, 2%
HSV	250°, 67%, 4%
XYZ	0.1319, 0.1107, 0.2728
YIQ	3.9830, -1.3300, 2.0780

# Conversions

## Conversions Part 2

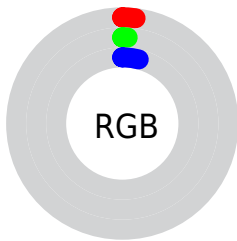
Format	Color
<a href="#">RYB</a>	<a href="#">4, 3, 9</a>
Decimal	<a href="#">262921</a>
CIELab	<a href="#">1.00, 1.10, -2.18</a>
CIELCh	<a href="#">1, 2.439, 296.704</a>
Yxy	<a href="#">0.1107, 0.2560, 0.2147</a>
Android (android.graphics.Color)	<a href="#">4278453001</a> (0xFF040309)
YUV	<a href="#">3.9830, 2.4734, 0.0149</a>
Hunter-Lab	<a href="#">3.3266, 1.2583, -2.5345</a>

# Details

The Hex color **040309** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **080903**, and the grayscale version is **040404**.

A 20% lighter version of the original color is **333236**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **030209**, and if you desaturate by 10%, it is **050409**.

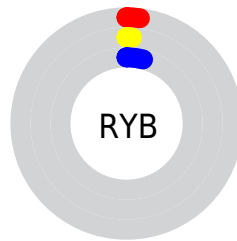
# Distribution



Red (2%)

Green (1%)

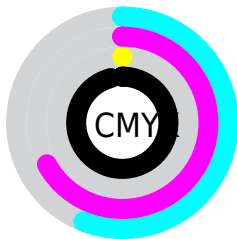
Blue (4%)



Red (2%)

Yellow (1%)

Blue (4%)

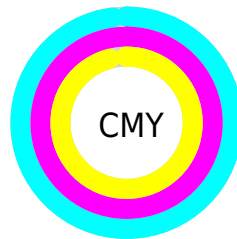


Cyan (56%)

Magenta (67%)

Yellow (0%)

Black (96%)



Cyan (98%)

Magenta (99%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 040309 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 040309 by changing the saturation by 10% instead.



 040309


 040309

 E5E5E9

 000000

 333236

 49494C

 616064

 7A797D

 939397

 AEADB2

 C9C9CD

 040309

 040309

■ 030209

■ 050409

■ 030109

■ 060509

■ 020009

■ 060609

■ 070709

■ 080809

■ 090809

■ 090909

■ 0A0A09

■ 0B0B09

# Harmonies

## Analogous

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



00040A



040309



070207

# Triad

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



040309



090200



000603

# Complementary

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



040309



080903

# 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.



000500



040309



060300

# Square

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



040309



0B0201



030400



000506

# Rectangle

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



040309



090205



030400



000502



# Sweetspot

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



040309



0B0A0D



030809



060608



878787



080808



# Same Dimension

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



040309



04030D



070309



050505



0B0045



2100C4



# Inverse Universe

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



090308



0D030B



050903



050505



450039

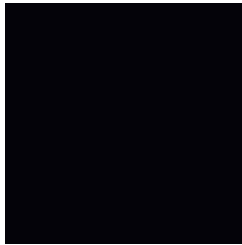


C400A4



# Previews

## White Background



This preview shows how the Hex color 040309 looks on a white background.

## Color Contrast Check

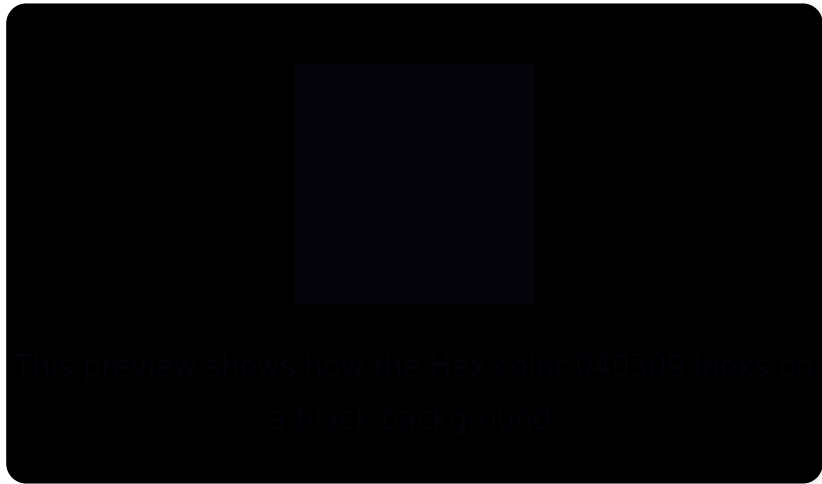
Large Text (above 18pt) WCAG AA ✓ Pass

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 040309 Background



This preview shows how black text looks on a background with the Hex color 040309.



This preview shows how white text looks on a background with the Hex color 040309.

# 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](#).

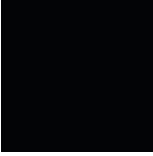
## Dichromacy



**Original Color**  
040309

**Protanopia**  
000408

**Deuteranopia**  
000407



**Tritanopia**  
020405

# Trichromacy



**Original Color**  
040309

**Protanomaly**  
010408

**Deuteranomaly**  
010408

**Tritanomaly**  
030406

# Monochromacy



**Original Color**  
040309

**Achromatopsia**  
040404

**Achromatomaly**  
040406

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 040309 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 #040309 looks like.

```
.text, #text, p{  
    color:#040309  
}
```

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 #040309 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #040309
}
```

## Border

The CSS property to change the border of an element to Hex 040309 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
#040309 }
```

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

```
.border{ border-color:#040309 }
```

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

Here you see how a box with a 4 pixel #040309 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #040309; -webkit-box-shadow:4px 4px  
4px 4px #040309; box-shadow:4px 4px 4px  
4px #040309 }
```

# Background

The CSS property to change the background color of an element to Hex 040309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#040309 }
```

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

```
.background{ background-color:#040309 }
```

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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