

Converting Colors

Hex(040259)

Have a look what the booklet for
Hex(040259) contains.

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Color

Hex(040259)

Conversions

Conversions Part 1

Format	Color
Hex	040259
RGB	4, 2, 89
RGB Percent	2%, 1%, 35%
CMY	0.9843, 0.9922, 0.6510
CMYK	0.96, 0.98, 0.00, 0.65
HSL	241°, 96%, 18%
HSV	241°, 98%, 35%
XYZ	1.8750, 0.7905, 9.5050
YIQ	12.5160, -26.7350, 27.4810

Conversions

Conversions Part 2

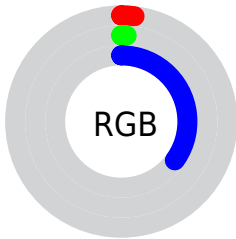
Format	Color
R _Y B	4, 2, 89
Decimal	262745
CIE Lab	7.14, 35.36, -48.82
CIE LCh	7, 60.281, 305.910
Yxy	0.7905, 0.1541, 0.0650
Android (android.graphics.Color)	4278452825 (0xFF040259)
YUV	12.5160, 37.7066, -7.4685
Hunter-Lab	8.8910, 22.0832, -57.1605

Details

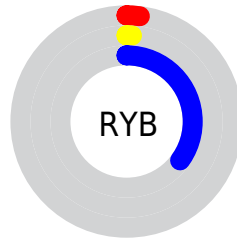
The Hex color **040259** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **575902**, and the grayscale version is **0C0C0C**.

A 20% lighter version of the original color is **462E8C**, and **00032A** is the 20% darker color. If you saturate the color by 10%, you get **020059**, and if you desaturate by 10%, it is **0D0B59**.

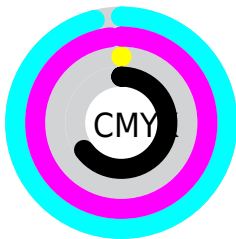
Distribution



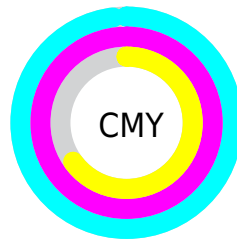
- Red (2%)
- Green (1%)
- Blue (35%)



- Red (2%)
- Yellow (1%)
- Blue (35%)



- Cyan (96%)
- Magenta (98%)
- Yellow (0%)
- Black (65%)



- Cyan (98%)
- Magenta (99%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 040259 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 040259 by changing the saturation by 10% instead.

040259

040259

FFE3FF

000041

462E8C

00032A

6145A7

000114

7C5DC3

000000

9877DF

B491FC

D1ABFF

EEC7FF

040259

040259

■ 020059

■ 0D0B59

■ 151459

■ 1E1D59

■ 272659

■ 2F2F59

■ 383759

■ 414059

■ 4A4959

■ 525259

Harmonies

Analogous

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



001C69



040259



460037

Triad

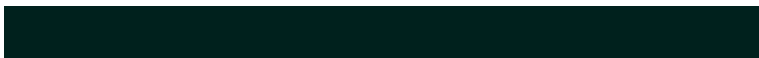
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



040259



350200



00211D

Complementary

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



040259



575902

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.



002100



040259



151800

Square

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



040259



4A0000



002100



002445

Rectangle

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



040259



51001D



002100



00210E

Sweetspot

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



040259



525173



025859



27263B



BABABA



3B3B3B

Same Dimension

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



040259



030073



2F0259



27272B



02006B



0500EB

Inverse Universe

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



590257



730070



2C5902



2B272B



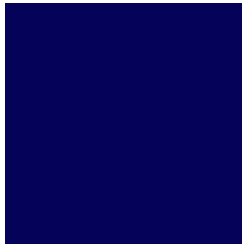
6B0069



EB00E5

Previews

White Background



This preview shows how the Hex color 040259 looks on a white background.

Color Contrast Check

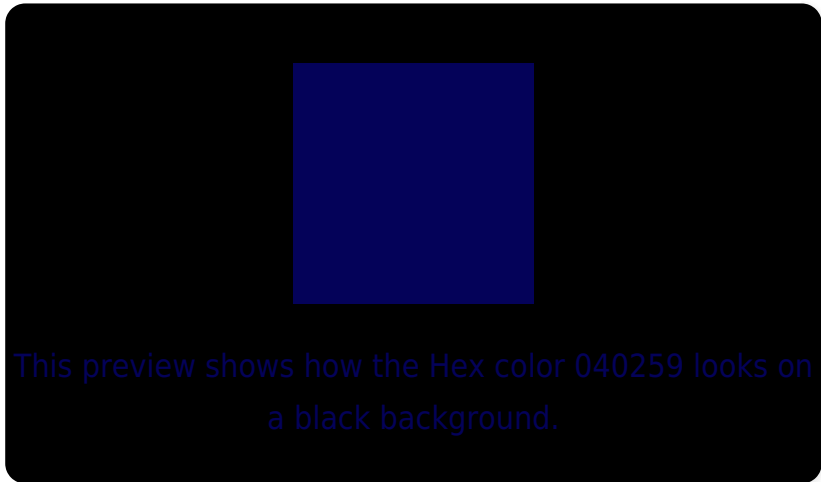
Large Text (above 18pt) WCAG AA ✓ Pass

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

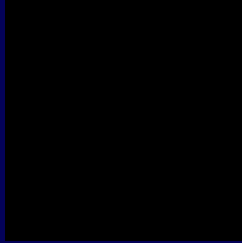
Any Text WCAG AA × Fail

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 040259 Background



This preview shows how black text looks on a background with the Hex color 040259.



This preview shows how white text looks on a background with the Hex color 040259.

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
040259

Protanopia
001A37

Deuteranopia
001C2E



Tritanopia
001E1F

Trichromacy



Original Color

040259

Protanomaly

011143

Deuteranomaly

01133E

Tritanomaly

011434

Monochromacy



Original Color

040259

Achromatopsia

0D0D0D

Achromatomaly

0A0929

CSS Examples

Text

The CSS property to change the color of the text to Hex 040259 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 #040259 looks like.

```
.text, #text, p{  
    color:#040259  
}
```

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 #040259 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #040259
}
```

Border

The CSS property to change the border of an element to Hex 040259 is called "border". The border property can be set on classes, ids or directly on the HTML element.

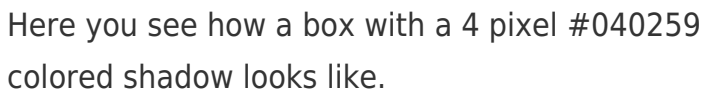
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#040259 }
```

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

```
.border{ border-color:#040259 }
```

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



Here you see how a box with a 4 pixel #040259 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #040259; -webkit-box-shadow:4px 4px  
4px 4px #040259; box-shadow:4px 4px 4px  
4px #040259 }
```

Background

The CSS property to change the background color of an element to Hex 040259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#040259 }
```

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

```
.background{ background-color:#040259 }
```

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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