

Converting Colors

Hex(040934)

Have a look what the booklet for
Hex(040934) contains.

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Color

Hex(040934)

Conversions

Conversions Part 1

Format	Color
Hex	040934
RGB	4, 9, 52
RGB Percent	2%, 4%, 20%
CMY	0.9843, 0.9647, 0.7961
CMYK	0.92, 0.83, 0.00, 0.80
HSL	234°, 86%, 11%
HSV	234°, 92%, 20%
XYZ	0.7676, 0.4691, 3.2989
YIQ	12.4070, -16.7830, 12.3130

Conversions

Conversions Part 2

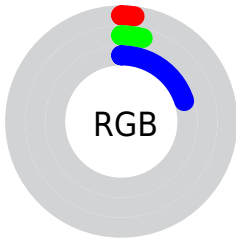
Format	Color
RYB	4, 9, 52
Decimal	264500
CIELab	4.24, 13.18, -27.46
CIELCh	4, 30.456, 295.639
Yxy	0.4691, 0.1692, 0.1034
Android (android.graphics.Color)	4278454580 (0xFF040934)
YUV	12.4070, 19.5193, -7.3729
Hunter-Lab	6.8492, 8.0183, -23.7623

Details

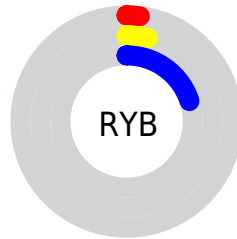
The Hex color **040934** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **342F04**, and the grayscale version is **0C0C0C**.

A 20% lighter version of the original color is **343563**, and **000001** is the 20% darker color. If you saturate the color by 10%, you get **000534**, and if you desaturate by 10%, it is **090E34**.

Distribution



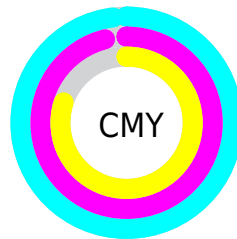
- Red (2%)
- Green (4%)
- Blue (20%)



- Red (2%)
- Yellow (4%)
- Blue (20%)



- Cyan (92%)
- Magenta (83%)
- Yellow (0%)
- Black (80%)



- Cyan (98%)
- Magenta (96%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 040934 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 040934 by changing the saturation by 10% instead.

040934

040934

EEE8FF

00021E

343563

000001

4C4C7C

000000

656396

7F7CB1

9A96CD

B5B1E9

D1CCFF

040934

040934

■ 000534

■ 090E34

■ 0E1234

■ 141734

■ 191C34

■ 1E2034

■ 232534

■ 282A34

■ 2E2E34

■ 333334

Harmonies

Analogous

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



001338



040934



250027

Triad

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



040934



280100



001809

Complementary

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



040934



342F04

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.



001700



040934



180D00

Square

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



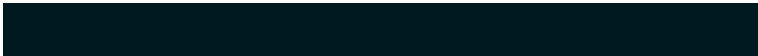
040934



300000



001500



001921

Rectangle

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



040934



2E001B



001500



001700

Sweetspot

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



040934



323445



04342E



181924



A3A3A3



242424

Same Dimension

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



040934



000745



160434



17171A



000959



0017D9

Inverse Universe

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



340409



450007



223404



1A1717



590009



D90017

Previews

White Background



This preview shows how the Hex color 040934 looks on a white background.

Color Contrast Check

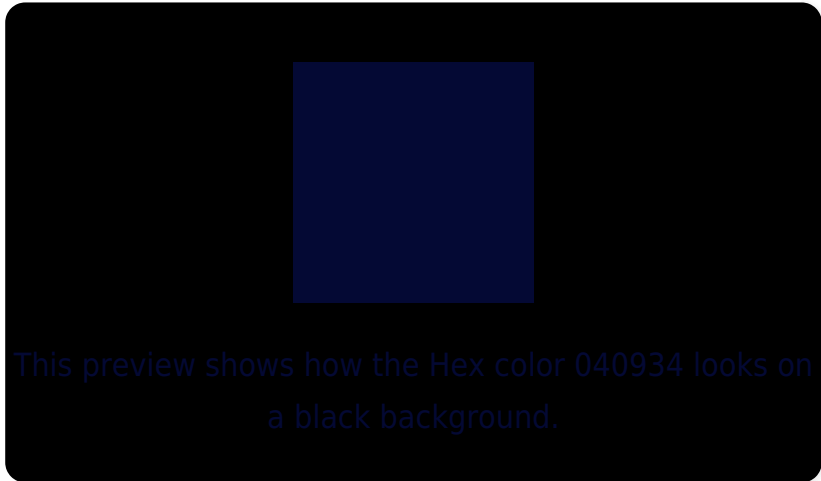
Large Text (above 18pt) WCAG AA ✓ Pass

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

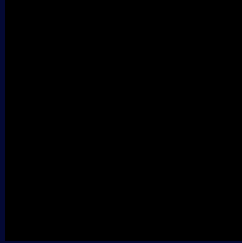
Any Text WCAG AA × Fail

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 040934 Background



This preview shows how black text looks on a background with the Hex color 040934.



This preview shows how white text looks on a background with the Hex color 040934.

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

040934

Protanopia

001123

Deuteranopia

00121E

Trichromacy



Original Color

040934

Protanomaly

010E29

Deuteranomaly

010F26

Monochromacy



Original Color

040934

Achromatopsia

0C0C0C

Achromatomaly

090B1B

CSS Examples

Text

The CSS property to change the color of the text to Hex 040934 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 #040934 looks like.

```
.text, #text, p{  
    color:#040934  
}
```

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 #040934 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #040934
}
```

Border

The CSS property to change the border of an element to Hex 040934 is called "border". The border property can be set on classes, ids or directly on the HTML element.

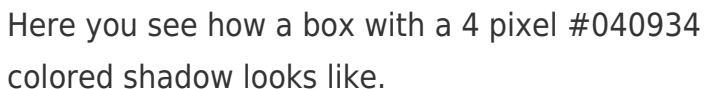
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#040934 }
```

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

```
.border{ border-color:#040934 }
```

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



Here you see how a box with a 4 pixel #040934 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #040934; -webkit-box-shadow:4px 4px  
4px 4px #040934; box-shadow:4px 4px 4px  
4px #040934 }
```

Background

The CSS property to change the background color of an element to Hex 040934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#040934 }
```

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

```
.background{ background-color:#040934 }
```

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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