

Converting Colors

Hex(040024)

Have a look what the booklet for
Hex(040024) contains.

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Color

Hex(040024)

Conversions

Conversions Part 1

Format	Color
Hex	040024
RGB	4, 0, 36
RGB Percent	2%, 0%, 14%
CMY	0.9843, 1.0000, 0.8588
CMYK	0.89, 1.00, 0.00, 0.86
HSL	247°, 100%, 7%
HSV	247°, 100%, 14%
XYZ	0.3685, 0.1532, 1.6792
YIQ	5.3000, -9.1720, 12.0440

Conversions

Conversions Part 2

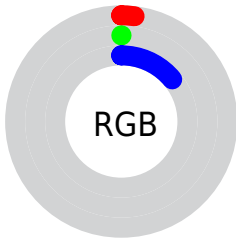
Format	Color
RYB	4, 0, 36
Decimal	262180
CIELab	1.38, 9.13, -19.81
CIELCh	1, 21.814, 294.746
Yxy	0.1532, 0.1674, 0.0696
Android (android.graphics.Color)	4278452260 (0xFF040024)
YUV	5.3000, 15.1351, -1.1401
Hunter-Lab	3.9139, 9.9570, -22.6979

Details

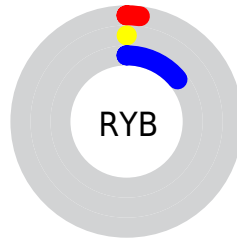
The Hex color **040024** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **202400**, and the grayscale version is **050505**.

A 20% lighter version of the original color is **303051**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **040024**, and if you desaturate by 10%, it is **070424**.

Distribution



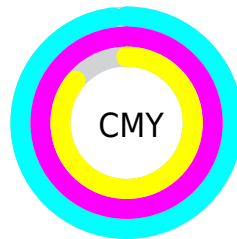
- Red (2%)
- Green (0%)
- Blue (14%)



- Red (2%)
- Yellow (0%)
- Blue (14%)



- Cyan (89%)
- Magenta (100%)
- Yellow (0%)
- Black (86%)



- Cyan (98%)
- Magenta (100%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 040024 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 040024 by changing the saturation by 10% instead.

■ 040024

■ 040024

■ E5E2FF

■ 00000C

■ 303051

■ 000000

■ 474769

■ 605E82

■ 79779C

■ 9390B7

■ AEABD3

■ C9C6EF

■ 040024

■ 070424

■ 0A0724

■ 0E0B24

■ 110E24

■ 141224

■ 171624

■ 1A1924

■ 1E1D24

■ 212024

Harmonies

Analogous

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



000926



040024



1B001B

Triad

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



040024



1D0000



000A00

Complementary

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



040024



202400

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



040024



0D0300

Square

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



040024



240000



000900



000B16

Rectangle

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



040024



220012



000900

Sweetspot

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



040024



22202E



002024



100F17



969696



171717

Same Dimension

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



040024



05002E



160024



101012



090052



1700D1

Inverse Universe

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



240020



2E0029



0E2400



121012



520049



D100BA

Previews

White Background



This preview shows how the Hex color 040024 looks on a white background.

Color Contrast Check

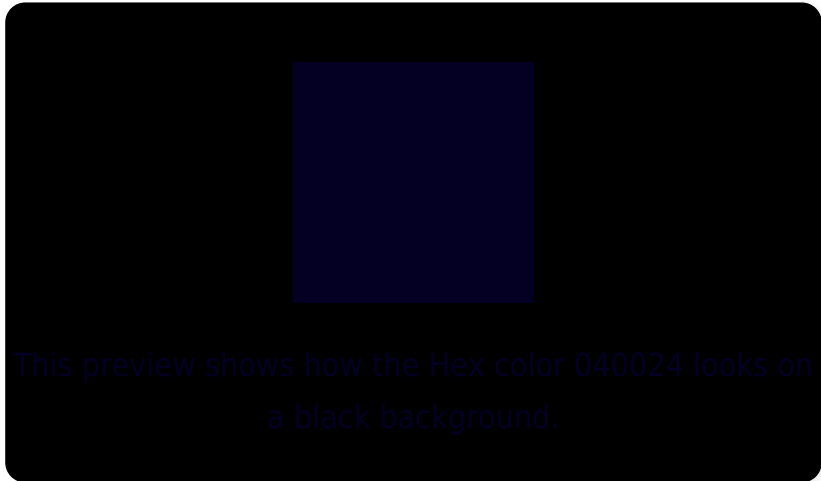
Large Text (above 18pt) WCAG AA ✓ Pass

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

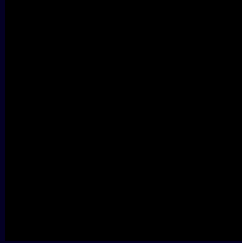
Any Text WCAG AA × Fail

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 040024 Background



This preview shows how black text looks on a background with the Hex color 040024.



This preview shows how white text looks on a background with the Hex color 040024.

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](#).

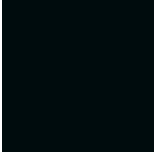
Dichromacy



Original Color
040024

Protanopia
000B16

Deuteranopia
000B13



Tritanopia
000C0D

Trichromacy



Original Color

040024

Protanomaly

01071B

Deuteranomaly

010719

Tritanomaly

010815

Monochromacy



Original Color

040024

Achromatopsia

050505

Achromatomaly

050310

CSS Examples

Text

The CSS property to change the color of the text to Hex 040024 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 #040024 looks like.

```
.text, #text, p{  
    color:#040024  
}
```

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 #040024 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #040024
}
```

Border

The CSS property to change the border of an element to Hex 040024 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".

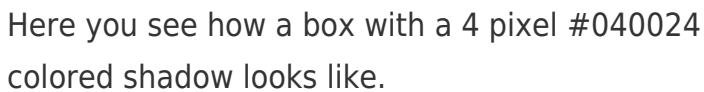
```
.border, #border, table{ border:4px solid
#040024 }
```

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

```
.border{ border-color:#040024 }
```

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

Here you see how a box with a 4 pixel #040024 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #040024; -webkit-box-shadow:4px 4px  
4px 4px #040024; box-shadow:4px 4px 4px  
4px #040024 }
```

Background

The CSS property to change the background color of an element to Hex 040024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#040024 }
```

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

```
.background{ background-color:#040024 }
```

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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