

Converting Colors

Hex(040C04)

Have a look what the booklet for
Hex(040C04) contains.

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Color

Hex(040C04)

Conversions

Conversions Part 1

Format	Color
Hex	040C04
RGB	4, 12, 4
RGB Percent	2%, 5%, 2%
CMY	0.9843, 0.9529, 0.9843
CMYK	0.67, 0.00, 0.67, 0.95
HSL	120°, 50%, 3%
HSV	120°, 67%, 5%
XYZ	0.2035, 0.2975, 0.1616
YIQ	8.6960, -2.2000, -4.1840

Conversions

Conversions Part 2

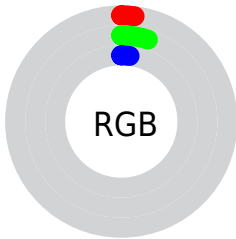
Format	Color
RYB	4, 12, 12
Decimal	265220
CIELab	2.69, -3.25, 2.32
CIELCh	3, 3.994, 144.445
Yxy	0.2975, 0.3071, 0.4491
Android (android.graphics.Color)	4278455300 (0xFF040C04)
YUV	8.6960, -2.3151, -4.1184
Hunter-Lab	5.4546, -2.8874, 2.0620

Details

The Hex color **040C04** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **0C040C**, and the grayscale version is **090909**.

A 20% lighter version of the original color is **333833**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **030C03**, and if you desaturate by 10%, it is **050C05**.

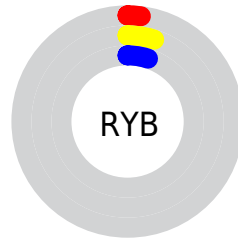
Distribution



Red (2%)

Green (5%)

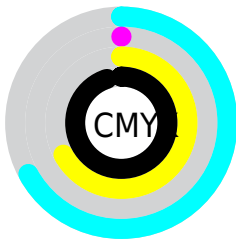
Blue (2%)



Red (2%)

Yellow (5%)

Blue (5%)

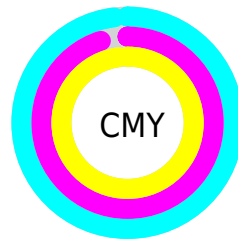


Cyan (67%)

Magenta (0%)

Yellow (67%)

Black (95%)



Cyan (98%)

Magenta (95%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 040C04 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 040C04 by changing the saturation by 10% instead.

■ 040C04

■ 040C04

■ E5ECE5

■ 000000

■ 333833

■ 494E49

■ 616661

■ 7A7F7A

■ 939993

■ AEB4AE

■ C9D0C9

■ 040C04

■ 040C04

■ 030C03

■ 050C05

■ 020C02

■ 060C06

■ 000C00

■ 080C08

■ 090C09

■ 0A0C0A

■ 0B0C0B

■ 0C0C0C

■ 0E0C0E

■ 0F0C0F

Harmonies

Analogous

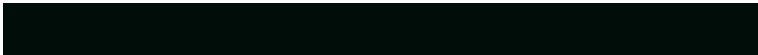
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



0A0B01



040C04



000D09

Triad

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



040C04



040A12



130706

Complementary

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



040C04



0C040C

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.



12070B



040C04



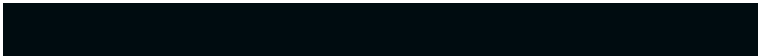
0A0911

Square

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



040C04



000C10



0F070F



120802

Rectangle

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



040C04



000D0C



0F070F



130708

Sweetspot

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



040C04



0C0F0C



0C0C04



060806



878787



080808

Same Dimension

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



040C04



030F03



040C08



050505



004500



00C400

Inverse Universe

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



0C040C



0F030F



0C0408



050505



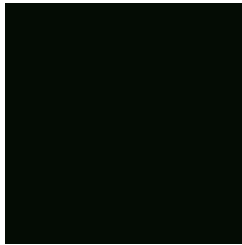
450045



C400C4

Previews

White Background



This preview shows how the Hex color 040C04 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

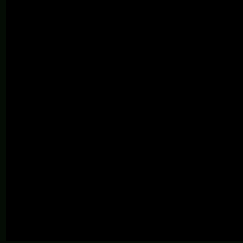
Any Text WCAG AA × Fail

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 040C04 Background



This preview shows how black text looks on a background with the Hex color 040C04.



This preview shows how white text looks on a background with the Hex color 040C04.

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](#).

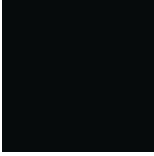
Dichromacy



Original Color
040C04

Protanopia
0C0A04

Deuteranopia
0D0A05



Tritanopia
060B0C

Trichromacy



Original Color

040C04

Protanomaly

090B04

Deuteranomaly

0A0B05

Tritanomaly

050B09

Monochromacy



Original Color

040C04

Achromatopsia

090909

Achromatomaly

070A07

CSS Examples

Text

The CSS property to change the color of the text to Hex 040C04 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 #040C04 looks like.

```
.text, #text, p{  
    color:#040C04  
}
```

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 #040C04 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #040C04
}
```

Border

The CSS property to change the border of an element to Hex 040C04 is called "border". The border property can be set on classes, ids or directly on the HTML element.

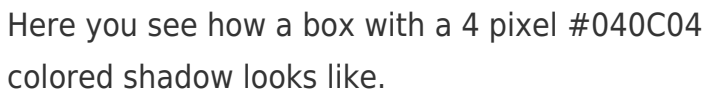
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#040C04 }
```

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

```
.border{ border-color:#040C04 }
```

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



Here you see how a box with a 4 pixel #040C04 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #040C04; -webkit-box-shadow:4px 4px  
4px 4px #040C04; box-shadow:4px 4px 4px  
4px #040C04 }
```

Background

The CSS property to change the background color of an element to Hex 040C04 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#040C04 }
```

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

```
.background{ background-color:#040C04 }
```

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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