

Converting Colors

Hex(040E04)

Have a look what the booklet for
Hex(040E04) contains.

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Color

Hex(040E04)

Conversions

Conversions Part 1

Format	Color
Hex	040E04
RGB	4, 14, 4
RGB Percent	2%, 5%, 2%
CMY	0.9843, 0.9451, 0.9843
CMYK	0.71, 0.00, 0.71, 0.95
HSL	120°, 56%, 4%
HSV	120°, 71%, 5%
XYZ	0.2290, 0.3487, 0.1701
YIQ	9.8700, -2.7500, -5.2300

Conversions

Conversions Part 2

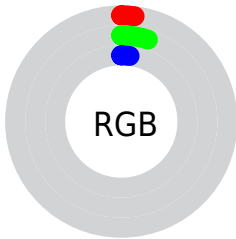
Format	Color
RYB	4, 14, 14
Decimal	265732
CIELab	3.15, -4.19, 3.00
CIElCh	3, 5.154, 144.445
Yxy	0.3487, 0.3063, 0.4663
Android (android.graphics.Color)	4278455812 (0xFF040E04)
YUV	9.8700, -2.8939, -5.1480
Hunter-Lab	5.9047, -3.4098, 2.4254

Details

The Hex color **040E04** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **0E040E**, and the grayscale version is **0A0A0A**.

A 20% lighter version of the original color is **323933**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **030E03**, and if you desaturate by 10%, it is **050E05**.

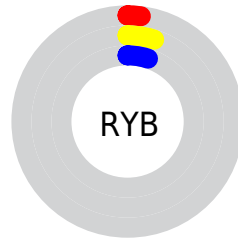
Distribution



Red (2%)

Green (5%)

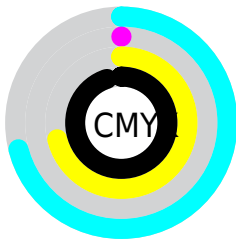
Blue (2%)



Red (2%)

Yellow (5%)

Blue (5%)

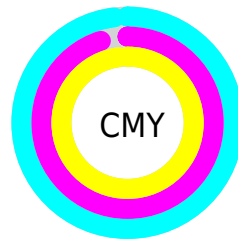


Cyan (71%)

Magenta (0%)

Yellow (71%)

Black (95%)



Cyan (98%)

Magenta (95%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 040E04 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 040E04 by changing the saturation by 10% instead.

■ 040E04

■ 040E04

■ E5EEE5

■ 000000

■ 323933

■ 495049

■ 616861

■ 7A817A

■ 939B93

■ AEB6AE

■ C9D1C9

■ 040E04

■ 040E04

■ 030E03

■ 050E05

■ 010E01

■ 070E07

■ 000E00

■ 080E08

■ 0A0E0A

■ 0B0E0B

■ 0C0E0C

■ 0E0E0E

■ 0F0E0F

■ 110E11

Harmonies

Analogous

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



0B0D00



040E04



000F0A

Triad

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



040E04



040C15



160807

Complementary

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



040E04



0E040E

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.



15080D



040E04



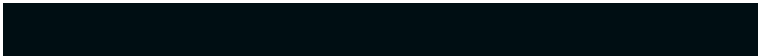
0C0A14

Square

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



040E04



000E13



110911



150901

Rectangle

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



040E04



000F0E



110911



160709

Sweetspot

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



040E04



0E120E



0E0E04



080A08



8A8A8A



0A0A0A

Same Dimension

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



040E04



021202



040E09



070807



004700



00C700

Inverse Universe

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



0E040E



120212



0E0409



080708



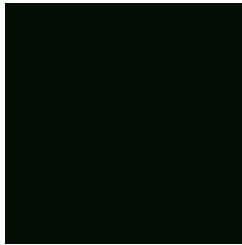
470047



C700C7

Previews

White Background



This preview shows how the Hex color 040E04 looks on a white background.

Color Contrast Check

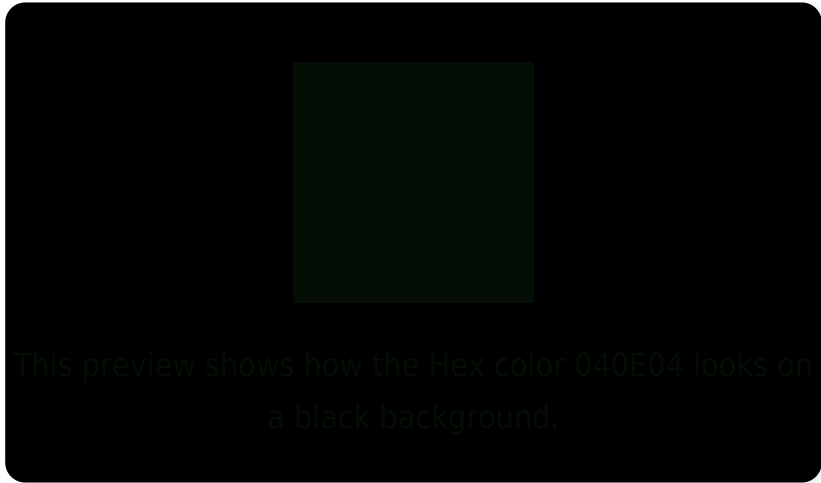
Large Text (above 18pt) WCAG AA ✓ Pass

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

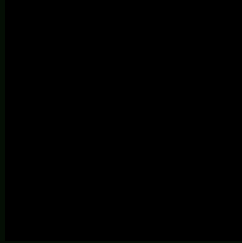
Any Text WCAG AA × Fail

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 040E04 Background



This preview shows how black text looks on a background with the Hex color 040E04.



This preview shows how white text looks on a background with the Hex color 040E04.

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](#).

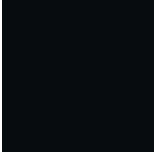
Dichromacy



Original Color
040E04

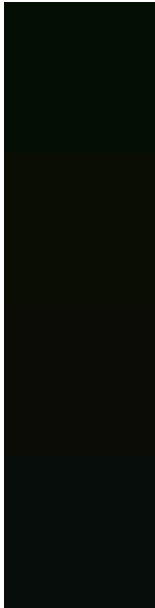
Protanopia
0E0C04

Deuteranopia
0F0B05



Tritanopia
070D0E

Trichromacy



Original Color

040E04

Protanomaly

0A0D04

Deuteranomaly

0B0C05

Tritanomaly

060D0A

Monochromacy



Original Color

040E04

Achromatopsia

0A0A0A

Achromatomaly

080B08

CSS Examples

Text

The CSS property to change the color of the text to Hex 040E04 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 #040E04 looks like.

```
.text, #text, p{  
    color:#040E04  
}
```

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 #040E04 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #040E04
}
```

Border

The CSS property to change the border of an element to Hex 040E04 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
#040E04 }
```

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

```
.border{ border-color:#040E04 }
```

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

Here you see how a box with a 4 pixel #040E04 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #040E04; -webkit-box-shadow:4px 4px  
4px 4px #040E04; box-shadow:4px 4px 4px  
4px #040E04 }
```

Background

The CSS property to change the background color of an element to Hex 040E04 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#040E04 }
```

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

```
.background{ background-color:#040E04 }
```

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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