

Converting Colors

Hex(040F16)

Have a look what the booklet for
Hex(040F16) contains.

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Color

Hex(040F16)

Conversions

Conversions Part 1

Format	Color
Hex	040F16
RGB	4, 15, 22
RGB Percent	2%, 6%, 9%
CMY	0.9843, 0.9412, 0.9137
CMYK	0.82, 0.32, 0.00, 0.91
HSL	203°, 69%, 5%
HSV	203°, 82%, 9%
XYZ	0.3657, 0.4254, 0.8219
YIQ	12.5090, -8.8030, -0.1550

Conversions

Conversions Part 2

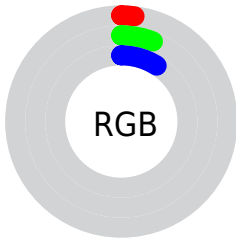
Format	Color
RYB	4, 11, 22
Decimal	266006
CIELab	3.84, -1.58, -5.13
CIELCh	4, 5.369, 252.870
Yxy	0.4254, 0.2267, 0.2637
Android (android.graphics.Color)	4278456086 (0xFF040F16)
YUV	12.5090, 4.6791, -7.4624
Hunter-Lab	6.5222, -1.4049, -2.9059

Details

The Hex color **040F16** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **160B04**, and the grayscale version is **0C0C0C**.

A 20% lighter version of the original color is **323A40**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **020E16**, and if you desaturate by 10%, it is **061016**.

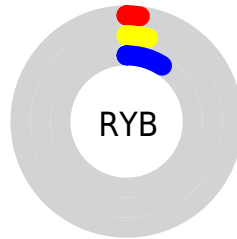
Distribution



Red (2%)

Green (6%)

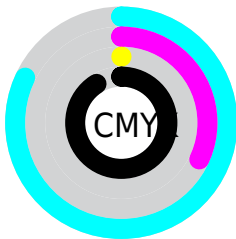
Blue (9%)



Red (2%)

Yellow (4%)

Blue (9%)

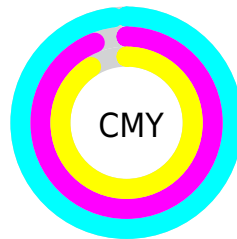


Cyan (82%)

Magenta (32%)

Yellow (0%)

Black (91%)



Cyan (98%)

Magenta (94%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 040F16 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 040F16 by changing the saturation by 10% instead.

■ 040F16

■ 040F16

■ E5EFF7

■ 000000

■ 323A40

■ 495158

■ 606970

■ 798289

■ 939CA4

■ AEB7BF

■ C9D2DB

■ 040F16

■ 040F16

■ 020E16

■ 061016

■ 000D16

■ 081116

■ 0B1216

■ 0D1216

■ 0F1316

■ 111416

■ 131516

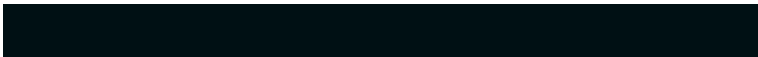
■ 161616

■ 181716

Harmonies

Analogous

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



001014



040F16



0B0D16

Triad

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



040F16



170A0B



091004

Complementary

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



040F16



160B04

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.



100E01



040F16



170B05

Square

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



040F16



160A11



150C02



02110A

Rectangle

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



040F16



100C15



150C02



0C0F03

Sweetspot

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



040F16



15191C



04160B



0B0E0F



8F8F8F



0F0F0F

Same Dimension

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



040F16



01111C



040616



090A0A



002D4A



007BC9

Inverse Universe

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



16040F



1C0111



161404



0A090A



4A002D



C9007B

Previews

White Background



This preview shows how the Hex color 040F16 looks on a white background.

Color Contrast Check

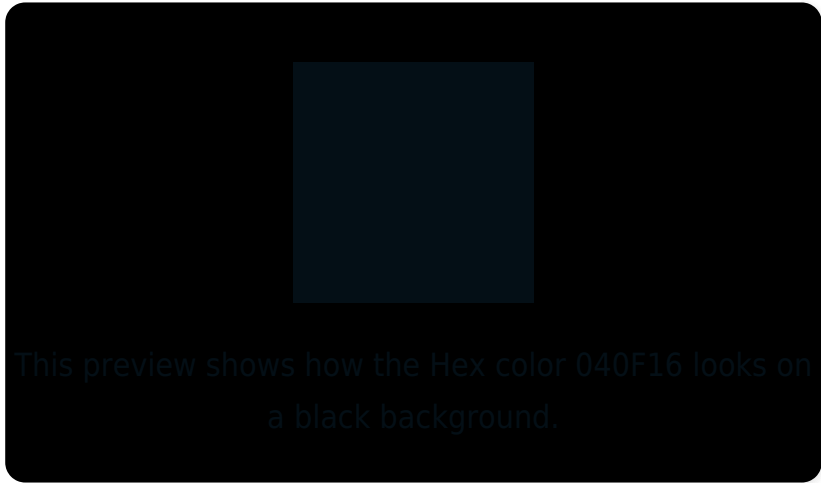
Large Text (above 18pt) WCAG AA ✓ Pass

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

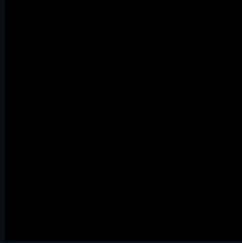
Any Text WCAG AA × Fail

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 040F16 Background



This preview shows how black text looks on a background with the Hex color 040F16.



This preview shows how white text looks on a background with the Hex color 040F16.

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
040F16

Protanopia
0C0E15

Deuteranopia
0A0E16



Tritanopia
001011

Trichromacy



Original Color

040F16

Protanomaly

090E15

Deuteranomaly

080E16

Tritanomaly

011013

Monochromacy



Original Color

040F16

Achromatopsia

0D0D0D

Achromatomaly

0A0E10

CSS Examples

Text

The CSS property to change the color of the text to Hex 040F16 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 #040F16 looks like.

```
.text, #text, p{  
    color:#040F16  
}
```

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 #040F16 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #040F16
}
```

Border

The CSS property to change the border of an element to Hex 040F16 is called "border". The border property can be set on classes, ids or directly on the HTML element.

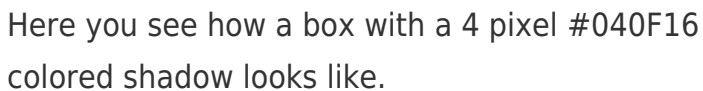
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#040F16 }
```

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

```
.border{ border-color:#040F16 }
```

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



Here you see how a box with a 4 pixel #040F16 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #040F16; -webkit-box-shadow:4px 4px  
4px 4px #040F16; box-shadow:4px 4px 4px  
4px #040F16 }
```

Background

The CSS property to change the background color of an element to Hex 040F16 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#040F16 }
```

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

```
.background{ background-color:#040F16 }
```

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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