

Converting Colors

Hex(000F40)

Have a look what the booklet for
Hex(000F40) contains.

Hex(000F40)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(000F40)

Conversions

Conversions Part 1

Format	Color
Hex	000F40
RGB	0, 15, 64
RGB Percent	0%, 6%, 25%
CMY	1.0000, 0.9412, 0.7490
CMYK	1.00, 0.77, 0.00, 0.75
HSL	226°, 100%, 13%
HSV	226°, 100%, 25%
XYZ	1.0962, 0.7118, 4.9301
YIQ	16.1010, -24.6690, 12.0590

Conversions

Conversions Part 2

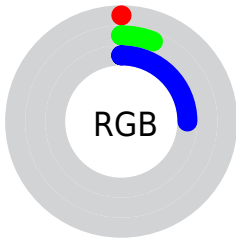
Format	Color
RYB	0, 12, 64
Decimal	3904
CIELab	6.43, 16.29, -32.61
CIElCh	6, 36.454, 296.541
Yxy	0.7118, 0.1627, 0.1056
Android (android.graphics.Color)	4278193984 (0xFF000F40)
YUV	16.1010, 23.6142, -14.1206
Hunter-Lab	8.4369, 8.4286, -28.7403

Details

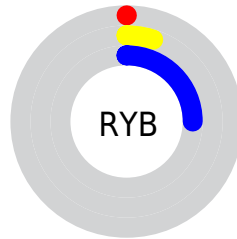
The Hex color **000F40** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **403100**, and the grayscale version is **101010**.

A 20% lighter version of the original color is **383971**, and **000114** is the 20% darker color. If you saturate the color by 10%, you get **000F40**, and if you desaturate by 10%, it is **061440**.

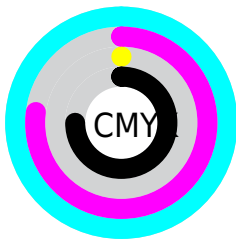
Distribution



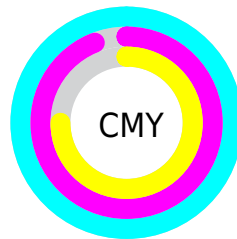
- Red (0%)
- Green (6%)
- Blue (25%)



- Red (0%)
- Yellow (5%)
- Blue (25%)



- Cyan (100%)
- Magenta (77%)
- Yellow (0%)
- Black (75%)




- Cyan (100%)
- Magenta (94%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 000F40 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 000F40 by changing the saturation by 10% instead.

 000F40


 000F40

 F5EDFF

 00022A

 383971

 000114

 514F8A

 000000

 6B67A5

 8580C0

 A09ADC

 BBB5F9

 D8D1FF

 000F40

■ 061440

■ 0D1940

■ 131E40

■ 1A2340

■ 202840

■ 262C40

■ 2D3140

■ 333640

■ 3A3B40

Harmonies

Analogous

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



001945



000F40



2D002F

Triad

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



000F40



2F0500



001F10

Complementary

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



000F40



403100

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.



001F00



000F40



1E1200

Square

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



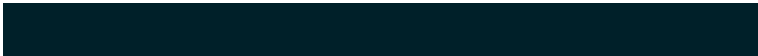
000F40



3A0000



001B00



002029

Rectangle

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



000F40



370020



001B00



001F02

Sweetspot

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



000F40



3B4154



004030



1C1F2B



ABABAB



2B2B2B

Same Dimension

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



000F40



001454



100040



1E1F21



001761



0035E0

Inverse Universe

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



40000F



540014



304000



211E1F



610017



E00035

Previews

White Background



This preview shows how the Hex color 000F40 looks on a white background.

Color Contrast Check

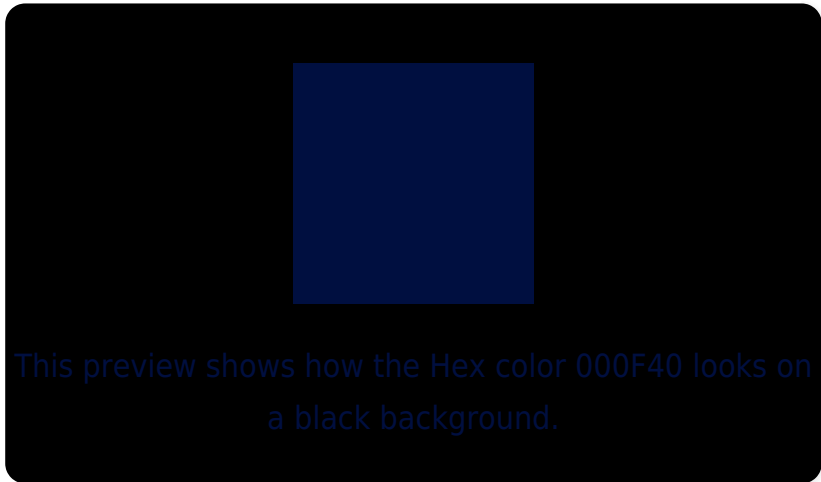
Large Text (above 18pt) WCAG AA ✓ Pass

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

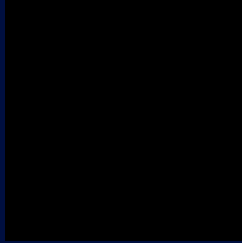
Any Text WCAG AA × Fail

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 000F40 Background



This preview shows how black text looks on a background with the Hex color 000F40.



This preview shows how white text looks on a background with the Hex color 000F40.

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
000F40

Protanopia
00162E

Deuteranopia
001727



Tritanopia
00191A

Trichromacy



Original Color
000F40

Protanomaly
001335

Deuteranomaly
001430

Tritanomaly
001528

Monochromacy



Original Color
000F40

Achromatopsia
101010

Achromatomaly
0A1021

CSS Examples

Text

The CSS property to change the color of the text to Hex 000F40 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 #000F40 looks like.

```
.text, #text, p{  
    color:#000F40  
}
```

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 #000F40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #000F40
}
```

Border

The CSS property to change the border of an element to Hex 000F40 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
#000F40 }
```

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

```
.border{ border-color:#000F40 }
```

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

Here you see how a box with a 4 pixel #000F40 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #000F40; -webkit-box-shadow:4px 4px  
4px 4px #000F40; box-shadow:4px 4px 4px  
4px #000F40 }
```

Background

The CSS property to change the background color of an element to Hex 000F40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#000F40 }
```

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

```
.background{ background-color:#000F40 }
```

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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