

Converting Colors

Hex(000F45)

Have a look what the booklet for
Hex(000F45) contains.

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Color

Hex(000F45)

Conversions

Conversions Part 1

Format	Color
Hex	000F45
RGB	0, 15, 69
RGB Percent	0%, 6%, 27%
CMY	1.0000, 0.9412, 0.7294
CMYK	1.00, 0.78, 0.00, 0.73
HSL	227°, 100%, 14%
HSV	227°, 100%, 27%
XYZ	1.2450, 0.7713, 5.7135
YIQ	16.6710, -26.2740, 13.6140

Conversions

Conversions Part 2

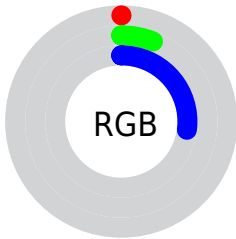
Format	Color
RYB	0, 12, 69
Decimal	3909
CIELab	6.97, 18.87, -35.28
CIELCh	7, 40.006, 298.139
Yxy	0.7713, 0.1611, 0.0998
Android (android.graphics.Color)	4278193989 (0xFF000F45)
YUV	16.6710, 25.7982, -14.6205
Hunter-Lab	8.7825, 9.9348, -32.4237

Details

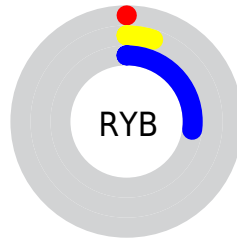
The Hex color **000F45** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **453600**, and the grayscale version is **101010**.

A 20% lighter version of the original color is **3A3876**, and **000119** is the 20% darker color. If you saturate the color by 10%, you get **000F45**, and if you desaturate by 10%, it is **071445**.

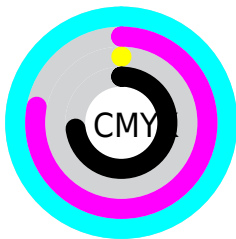
Distribution



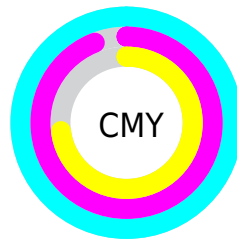
- Red (0%)
- Green (6%)
- Blue (27%)



- Red (0%)
- Yellow (5%)
- Blue (27%)



- Cyan (100%)
- Magenta (78%)
- Yellow (0%)
- Black (73%)



- Cyan (100%)
- Magenta (94%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 000F45 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 000F45 by changing the saturation by 10% instead.

000F45

000F45

F8EDFF

00002E

3A3876

000119

544F90

000000

6E67AB

8880C6

A39AE2

BFB5FF

DBD1FF

000F45

■ 071445

■ 0E1A45

■ 151F45

■ 1C2545

■ 232A45

■ 292F45

■ 303545

■ 373A45

■ 3E4045

Harmonies

Analogous

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



001A4C



000F45



310032

Triad

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



000F45



310600



002013

Complementary

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



000F45



453600

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.



002000



000F45



1E1400

Square

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



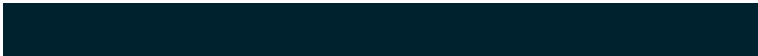
000F45



3E0000



001C00



00212E

Rectangle

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



000F45



3C0021



001C00



002004

Sweetspot

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



000F45



3E4459



004535



1D212E



ADADAD



2E2E2E

Same Dimension

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



000F45



001359



120045



202124



001663



0031E3

Inverse Universe

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



45000F



590013



334500



242021



630016



E30031

Previews

White Background



This preview shows how the Hex color 000F45 looks on a white background.

Color Contrast Check

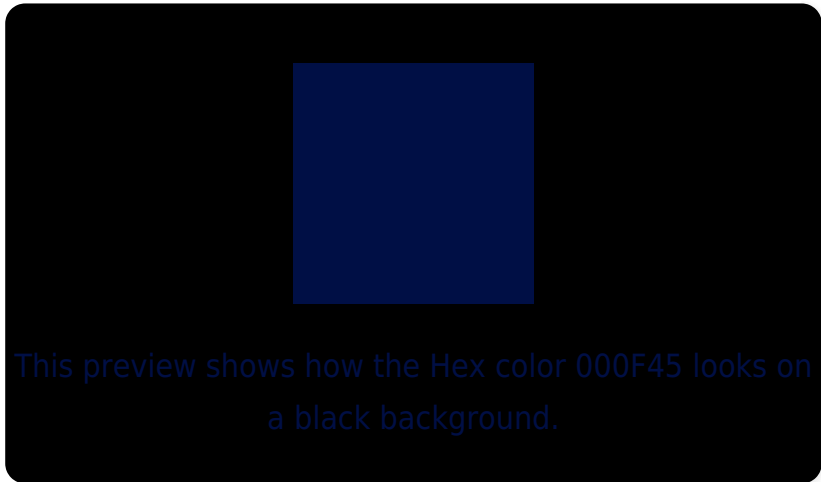
Large Text (above 18pt) WCAG AA ✓ Pass

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

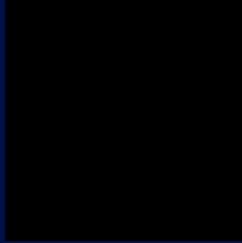
Any Text WCAG AA × Fail

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 000F45 Background



This preview shows how black text looks on a background with the Hex color 000F45.



This preview shows how white text looks on a background with the Hex color 000F45.

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
000F45

Protanopia
001730

Deuteranopia
001929



Tritanopia
001B1C

Trichromacy



Original Color
000F45

Protanomaly
001438

Deuteranomaly
001533

Tritanomaly
00172B

Monochromacy



Original Color
000F45

Achromatopsia
111111

Achromatomaly
0B1024

CSS Examples

Text

The CSS property to change the color of the text to Hex 000F45 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 #000F45 looks like.

```
.text, #text, p{  
    color:#000F45  
}
```

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 #000F45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #000F45
}
```

Border

The CSS property to change the border of an element to Hex 000F45 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
#000F45 }
```

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

```
.border{ border-color:#000F45 }
```

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

Here you see how a box with a 4 pixel #000F45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #000F45; -webkit-box-shadow:4px 4px  
4px 4px #000F45; box-shadow:4px 4px 4px  
4px #000F45 }
```

Background

The CSS property to change the background color of an element to Hex 000F45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#000F45 }
```

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

```
.background{ background-color:#000F45 }
```

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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