

# Converting Colors

Hex(0F3845)

Have a look what the booklet for  
Hex(0F3845) contains.

<b>Hex(0F3845)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(0F3845)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0F3845
RGB	15, 56, 69
RGB Percent	6%, 22%, 27%
CMY	0.9412, 0.7804, 0.7294
CMYK	0.78, 0.19, 0.00, 0.73
HSL	194°, 64%, 16%
HSV	194°, 78%, 27%
XYZ	2.6854, 3.3596, 6.1372
YIQ	45.2230, -28.6090, -4.6490

# Conversions

## Conversions Part 2

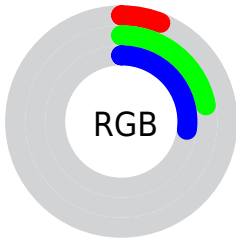
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	15, 38, 69
Decimal	997445
CIE Lab	21.43, -9.05, -12.15
CIE LCh	21, 15.149, 233.313
Yxy	3.3596, 0.2204, 0.2758
Android (android.graphics.Color)	4279187525 (0xFF0F3845)
YUV	45.2230, 11.7221, -26.5056
Hunter-Lab	18.3291, -5.9245, -7.0217

# Details

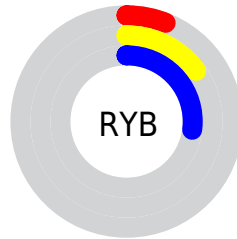
The Hex color **0F3845** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **451C0F**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **426775**, and **000B1A** is the 20% darker color. If you saturate the color by 10%, you get **083645**, and if you desaturate by 10%, it is **163A45**.

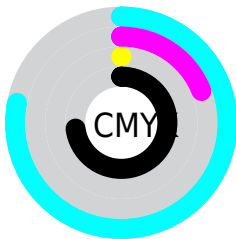
# Distribution



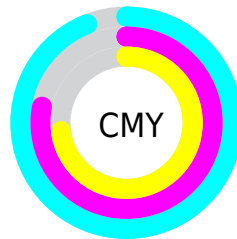
- Red (6%)
- Green (22%)
- Blue (27%)



- Red (6%)
- Yellow (15%)
- Blue (27%)



- Cyan (78%)
- Magenta (19%)
- Yellow (0%)
- Black (73%)



- Cyan (94%)
- Magenta (78%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0F3845 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 0F3845 by changing the saturation by 10% instead.



0F3845

0F3845

FFFFFF

00232F

426775

000B1A

5B808F

000000

759AA9

8FB5C5

AAD0E1

C6EDFD

E2FFFF

0F3845

0F3845

■ 083645

■ 163A45

■ 013545

■ 1D3B45

■ 003445

■ 243D45

■ 2B3F45

■ 324045

■ 384245

■ 3F4445

■ 464545

■ 4D4745

# Harmonies

## Analogous

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



0B393C



0F3845



203549

# Triad

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



0F3845



472B36



32351F

# Complementary

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



0F3845



451C0F

# 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.



3D321D



0F3845



492B2B

# Square

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



0F3845



3F2E41



462E22



253826

# Rectangle

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



0F3845



2C3349



462E22



36341D



# Sweetspot

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



0F3845



455459



0F451C



212B2E



ADADAD



2E2E2E



# Same Dimension

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



0F3845



054559



0F1D45



202324



004C63



00ACE3



# Inverse Universe

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



450F38



590545



45370F



242023



63004C

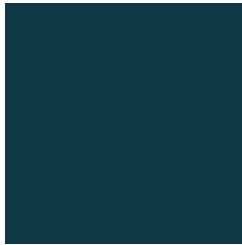


E300AC



# Previews

## White Background



This preview shows how the Hex color 0F3845 looks on a white background.

## Color Contrast Check

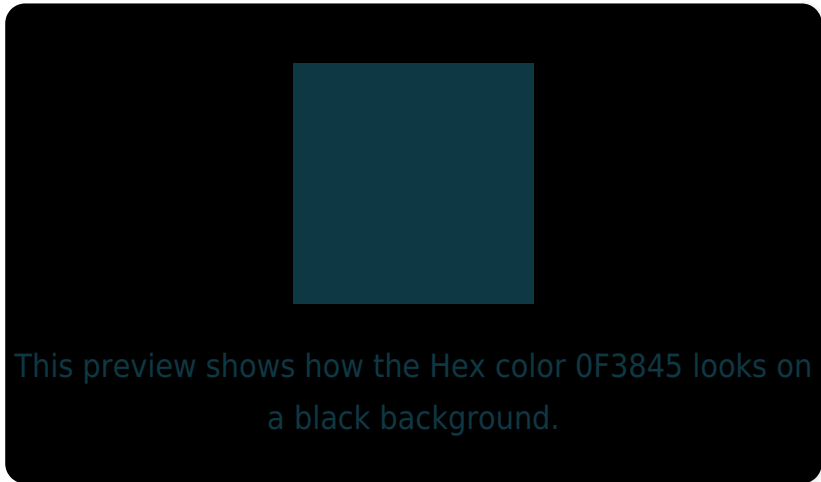
Large Text (above 18pt) WCAG AA ✓ Pass

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

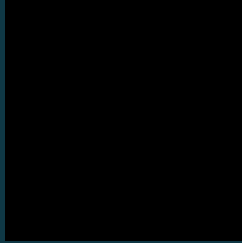
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

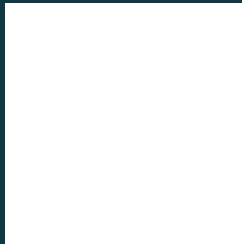
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 0F3845 Background



This preview shows how black text looks on a background with the Hex color 0F3845.



This preview shows how white text looks on a background with the Hex color 0F3845.

# 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**  
0F3845

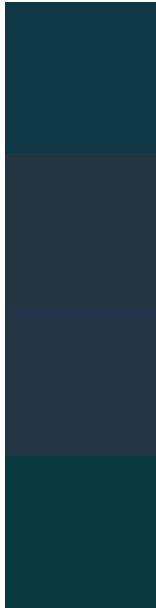
**Protanopia**  
303341

**Deuteranopia**  
2E3346



**Tritanopia**  
06393E

# Trichromacy



**Original Color**  
0F3845

**Protanomaly**  
243542

**Deuteranomaly**  
233546

**Tritanomaly**  
093941

# Monochromacy



**Original Color**  
0F3845

**Achromatopsia**  
2D2D2D

**Achromatomaly**  
223136

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0F3845 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 #0F3845 looks like.

```
.text, #text, p{  
    color:#0F3845  
}
```

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 #0F3845 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F3845  
}
```

## Border

The CSS property to change the border of an element to Hex 0F3845 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  
#0F3845 }
```

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

```
.border{ border-color:#0F3845 }
```

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

Here you see how a box with a 4 pixel #0F3845 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0F3845; -webkit-box-shadow:4px 4px  
4px 4px #0F3845; box-shadow:4px 4px 4px  
4px #0F3845 }
```

# Background

The CSS property to change the background color of an element to Hex 0F3845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F3845 }
```

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

```
.background{ background-color:#0F3845 }
```

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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