

Converting Colors

Hex(0C3845)

Have a look what the booklet for
Hex(0C3845) contains.

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Color

Hex(0C3845)

Conversions

Conversions Part 1

Format	Color
Hex	0C3845
RGB	12, 56, 69
RGB Percent	5%, 22%, 27%
CMY	0.9529, 0.7804, 0.7294
CMYK	0.83, 0.19, 0.00, 0.73
HSL	194°, 70%, 16%
HSV	194°, 83%, 27%
XYZ	2.6400, 3.3362, 6.1350
YIQ	44.3260, -30.3970, -5.2850

Conversions

Conversions Part 2

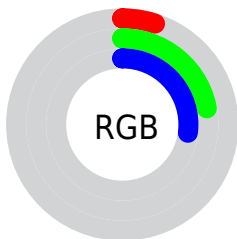
Format	Color
R_{YB}	12, 37, 69
Decimal	800837
CIE Lab	21.34, -9.54, -12.29
CIE LCh	21, 15.557, 232.185
Yxy	3.3362, 0.2180, 0.2755
Android (android.graphics.Color)	4278990917 (0xFF0C3845)
YUV	44.3260, 12.1643, -28.3499
Hunter-Lab	18.2652, -6.1646, -7.1290

Details

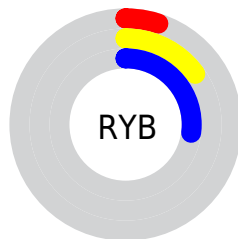
The Hex color **0C3845** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **45190C**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **406775**, and **000B1A** is the 20% darker color. If you saturate the color by 10%, you get **053645**, and if you desaturate by 10%, it is **133A45**.

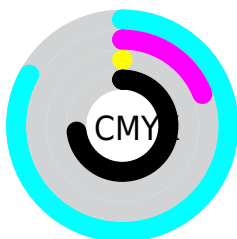
Distribution



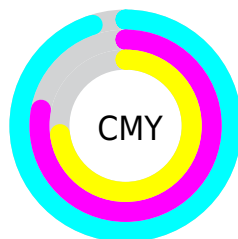
- Red (5%)
- Green (22%)
- Blue (27%)



- Red (5%)
- Yellow (15%)
- Blue (27%)



- Cyan (83%)
- Magenta (19%)
- Yellow (0%)
- Black (73%)



- Cyan (95%)
- Magenta (78%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C3845 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 0C3845 by changing the saturation by 10% instead.

■ 0C3845

■ 0C3845

FEFFFF

■ 00222F

■ 406775

■ 000B1A

■ 59808F

■ 000000

■ 739AA9

■ 8DB5C5

■ A8D0E1

■ C4EDFD

■ E1FFFF

■ 0C3845

■ 0C3845

■ 053645

■ 133A45

■ 003545

■ 1A3B45

■ 213D45

■ 283E45

■ 2F4045

■ 354145

■ 3C4345

■ 434545

■ 4A4645

Harmonies

Analogous

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



09393B



0C3845



1E354A

Triad

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



0C3845



482B37



32351E

Complementary

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



0C3845



45190C

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.



3E311C



0C3845



4A2B2B

Square

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



0C3845



3F2D41



462E22



253825

Rectangle

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



0C3845



2B334A



462E22



36341D

Sweetspot

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



0C3845



435459



0C4518



202B2E



ADADAD



2E2E2E

Same Dimension

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



0C3845



014559



0C1C45



202324



004D63



00AFE3

Inverse Universe

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



450C38



590145



45350C



242023



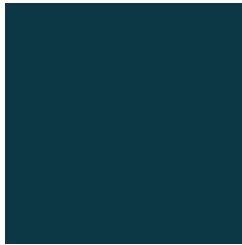
63004D



E300AF

Previews

White Background



This preview shows how the Hex color 0C3845 looks on a white background.

Color Contrast Check

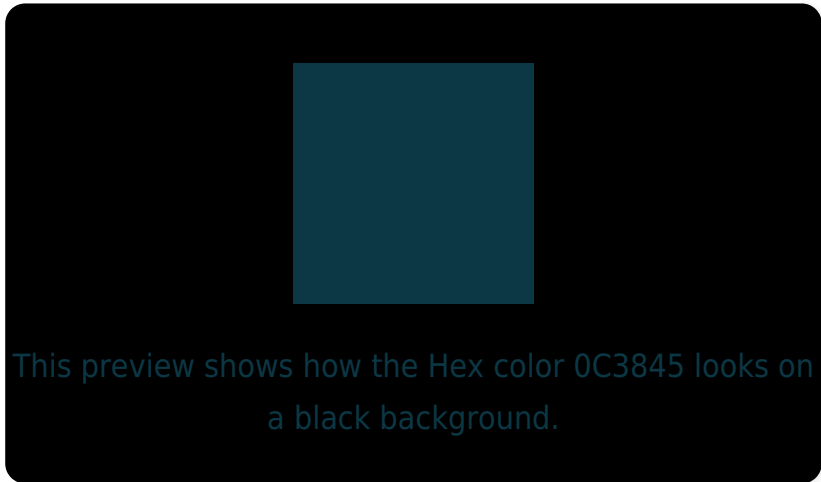
Large Text (above 18pt) WCAG AA ✓ Pass

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

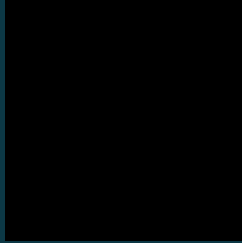
Any Text WCAG AA × Fail

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 0C3845 Background



This preview shows how black text looks on a background with the Hex color 0C3845.



This preview shows how white text looks on a background with the Hex color 0C3845.

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
0C3845

Protanopia
303341

Deuteranopia
2E3346



Tritanopia
00393E

Trichromacy



Original Color
0C3845

Protanomaly
233542

Deuteranomaly
223546

Tritanomaly
043941

Monochromacy



Original Color
0C3845

Achromatopsia
2C2C2C

Achromatomaly
203035

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C3845 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 #0C3845 looks like.

```
.text, #text, p{  
    color:#0C3845  
}
```

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 #0C3845 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C3845
}
```

Border

The CSS property to change the border of an element to Hex 0C3845 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
#0C3845 }
```

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

```
.border{ border-color:#0C3845 }
```

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

Here you see how a box with a 4 pixel #0C3845 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C3845; -webkit-box-shadow:4px 4px  
4px 4px #0C3845; box-shadow:4px 4px 4px  
4px #0C3845 }
```

Background

The CSS property to change the background color of an element to Hex 0C3845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C3845 }
```

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

```
.background{ background-color:#0C3845 }
```

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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