

Converting Colors

Hex(0C3D45)

Have a look what the booklet for
Hex(0C3D45) contains.

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Color

Hex(0C3D45)

Conversions

Conversions Part 1	
Format	Color
Hex	0C3D45
RGB	12, 61, 69
RGB Percent	5%, 24%, 27%
CMY	0.9529, 0.7608, 0.7294
CMYK	0.83, 0.12, 0.00, 0.73
HSL	188°, 70%, 16%
HSV	188°, 83%, 27%
XYZ	2.8945, 3.8453, 6.2199
YIQ	47.2610, -31.7720, -7.9000

Conversions

Conversions Part 2

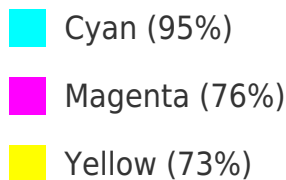
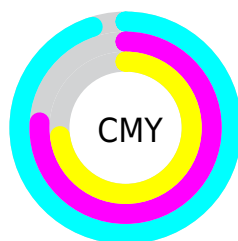
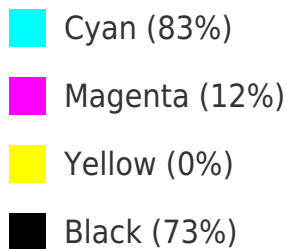
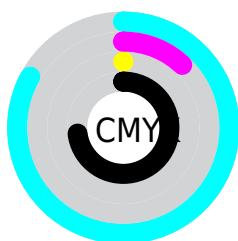
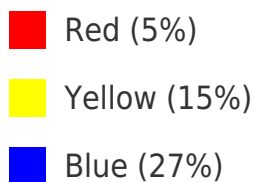
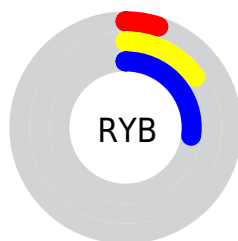
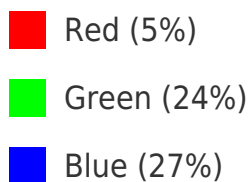
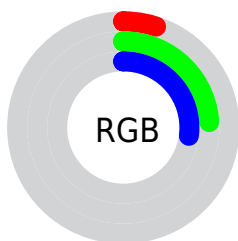
Format	Color
RYB	12, 38, 69
Decimal	802117
CIELab	23.15, -12.62, -9.52
CIELCh	23, 15.811, 217.023
Yxy	3.8453, 0.2233, 0.2967
Android (android.graphics.Color)	4278992197 (0xFF0C3D45)
YUV	47.2610, 10.7173, -30.9239
Hunter-Lab	19.6095, -7.9684, -5.0794

Details

The Hex color **0C3D45** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **45140C**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **416D75**, and **00141A** is the 20% darker color. If you saturate the color by 10%, you get **053C45**, and if you desaturate by 10%, it is **133E45**.

Distribution



Brightness & Saturation Gradients

These gradients show how the Hex color 0C3D45 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 0C3D45 by changing the saturation by 10% instead.

 0C3D45

 0C3D45

FFFFFF

 00272F

 416D75

 00141A

 5A868F

 000000

 74A0A9

 8EBBC4

 A9D7E0

 C5F3FD

 E2FFFF

 0C3D45

 0C3D45

■ 053C45

■ 133E45

■ 003B45

■ 1A3F45

■ 214045

■ 284145

■ 2F4245

■ 354345

■ 3C4445

■ 434545

■ 4A4645

Harmonies

Analogous

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



133E3A



0C3D45



183B4D

Triad

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



0C3D45



483041



3C3720

Complementary

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



0C3D45



45140C

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.



473322



0C3D45



4E2E35

Square

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



0C3D45



3C334A



4D302A



303B24

Rectangle

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



0C3D45



25394F



4D302A



403620

Sweetspot

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



0C3D45



435659



0C4514



202C2E



ADADAD



2E2E2E

Same Dimension

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



0C3D45



014D59



0C2145



202324



005563



00C3E3

Inverse Universe

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



450C3D



59014D



45300C



242023



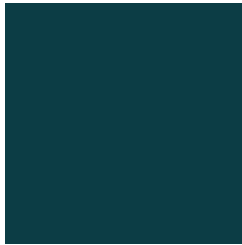
630055



E300C3

Previews

White Background



This preview shows how the Hex color 0C3D45 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



This preview shows how the Hex color 0C3D45 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

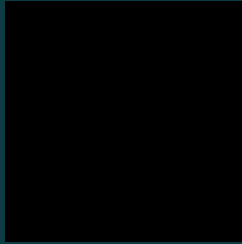
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

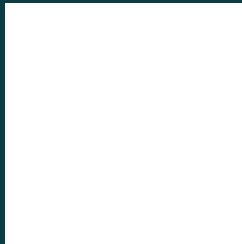
Any Text WCAG AAA × Fail

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

Hex 0C3D45 Background



This preview shows how black text looks on a background with the Hex color 0C3D45.



This preview shows how white text looks on a background with the Hex color 0C3D45.

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
0C3D45


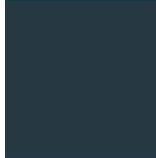


Protanopia
353741

Deuteranopia
353647



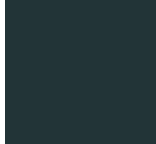


Tritanopia
083D42

Trichromacy

	Original Color 0C3D45
	Protanomaly 263942
	Deuteranomaly 263946
	Tritanomaly 093D43

Monochromacy

	Original Color 0C3D45
	Achromatopsia 2F2F2F
	Achromatomaly 223437

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C3D45 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 #0C3D45 looks like.

```
.text, #text, p{  
    color:#0C3D45  
}
```

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 #0C3D45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C3D45
}
```

Border

The CSS property to change the border of an element to Hex 0C3D45 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
#0C3D45 }
```

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

```
.border{ border-color:#0C3D45 }
```

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

Here you see how a box with a 4 pixel #0C3D45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C3D45; -webkit-box-shadow:4px 4px  
4px 4px #0C3D45; box-shadow:4px 4px 4px  
4px #0C3D45 }
```

Background

The CSS property to change the background color of an element to Hex 0C3D45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C3D45 }
```

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

```
.background{ background-color:#0C3D45 }
```

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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