

Converting Colors

Hex(0C332F)

Have a look what the booklet for
Hex(0C332F) contains.

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Color

Hex(0C332F)

Conversions

Conversions Part 1

Format	Color
Hex	0C332F
RGB	12, 51, 47
RGB Percent	5%, 20%, 18%
CMY	0.9529, 0.8000, 0.8157
CMYK	0.76, 0.00, 0.08, 0.80
HSL	174°, 62%, 12%
HSV	174°, 76%, 20%
XYZ	1.8485, 2.6511, 3.1036
YIQ	38.8830, -21.9600, -9.5120

Conversions

Conversions Part 2

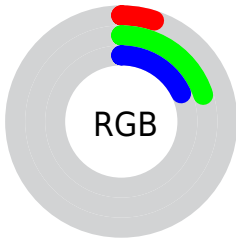
Format	Color
R_YB	12, 33, 51
Decimal	799535
CIE Lab	18.59, -14.63, -1.46
CIE LCh	19, 14.699, 185.696
Yxy	2.6511, 0.2431, 0.3487
Android (android.graphics.Color)	4278989615 (0xFF0C332F)
YUV	38.8830, 4.0017, -23.5764
Hunter-Lab	16.2820, -8.2281, 0.0959

Details

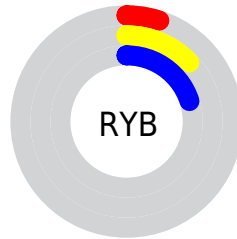
The Hex color **0C332F** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **330C10**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **3C625D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **07332E**, and if you desaturate by 10%, it is **113330**.

Distribution



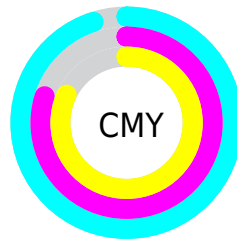
- Red (5%)
- Green (20%)
- Blue (18%)



- Red (5%)
- Yellow (13%)
- Blue (20%)



- Cyan (76%)
- Magenta (0%)
- Yellow (8%)
- Black (80%)



- Cyan (95%)
- Magenta (80%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C332F 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 0C332F by changing the saturation by 10% instead.

 0C332F

 0C332F

 F6FFFF

 001E1A

 3C625D

 000000

 547B75

 6D948F

 87AFA9

 A2CBC5

 BDE7E1

 D9FFFD

 0C332F

 0C332F

■ 07332E

■ 113330

■ 02332E

■ 163330

■ 00332E

■ 1B3331

■ 203331

■ 253332

■ 2B3332

■ 303333

■ 353333

■ 3A3334

Harmonies

Analogous

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



1A3224



0C332F



043339

Triad

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



0C332F



312A3F



3C2A1A

Complementary

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



0C332F



330C10

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.



412621



0C332F



3C2636

Square

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



0C332F



212E42



42252C



322D18

Rectangle

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



0C332F



0A313F



42252C



3E281C

Sweetspot

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



0C332F



334241



11330C



182120



A1A1A1



212121

Same Dimension

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



0C332F



05423C



0C2433



171A19



005950



00D9C3

Inverse Universe

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



330C10



42050C



331B0C



1A1717



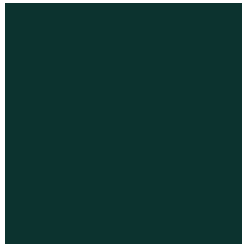
590009



D90016

Previews

White Background



This preview shows how the Hex color 0C332F looks on a white background.

Color Contrast Check

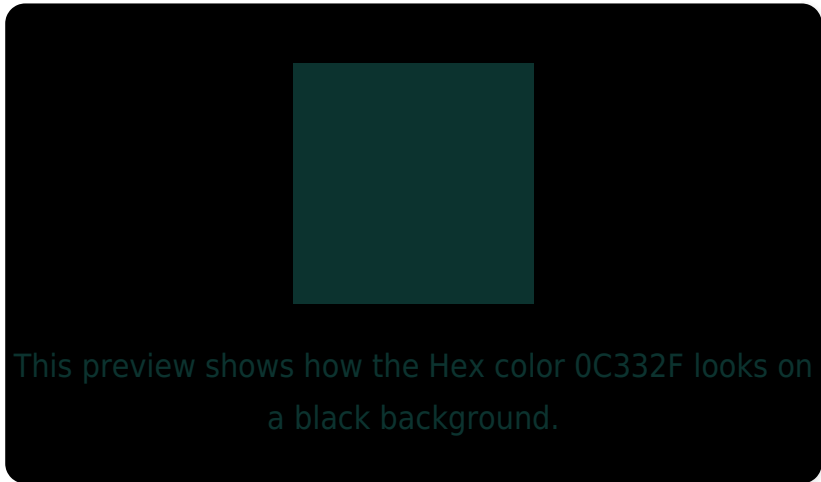
Large Text (above 18pt) WCAG AA ✓ Pass

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

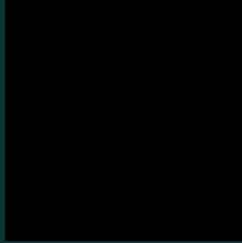
Any Text WCAG AA × Fail

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 0C332F Background



This preview shows how black text looks on a background with the Hex color 0C332F.



This preview shows how white text looks on a background with the Hex color 0C332F.

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](#).

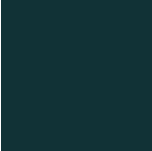
Dichromacy



Original Color
0C332F

Protanopia
2F2D2C

Deuteranopia
302C31



Tritanopia
113236

Trichromacy



Original Color
0C332F

Protanomaly
222F2D

Deuteranomaly
232F30

Tritanomaly
0F3233

Monochromacy



Original Color
0C332F

Achromatopsia
272727

Achromatomaly
1D2B2A

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C332F 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 #0C332F looks like.

```
.text, #text, p{  
    color:#0C332F  
}
```

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 #0C332F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C332F
}
```

Border

The CSS property to change the border of an element to Hex 0C332F 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".

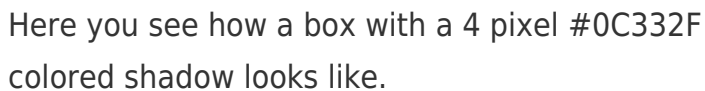
```
.border, #border, table{ border:4px solid
#0C332F }
```

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

```
.border{ border-color:#0C332F }
```

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

Here you see how a box with a 4 pixel #0C332F colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C332F; -webkit-box-shadow:4px 4px  
4px 4px #0C332F; box-shadow:4px 4px 4px  
4px #0C332F }
```

Background

The CSS property to change the background color of an element to Hex 0C332F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C332F }
```

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

```
.background{ background-color:#0C332F }
```

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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