

Converting Colors

Hex(0F2B33)

Have a look what the booklet for
Hex(0F2B33) contains.

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Color

Hex(0F2B33)

Conversions

Conversions Part 1

Format	Color
Hex	0F2B33
RGB	15, 43, 51
RGB Percent	6%, 17%, 20%
CMY	0.9412, 0.8314, 0.8000
CMYK	0.71, 0.16, 0.00, 0.80
HSL	193°, 55%, 13%
HSV	193°, 71%, 20%
XYZ	1.6584, 2.0683, 3.4438
YIQ	35.5400, -19.2560, -3.4480

Conversions

Conversions Part 2

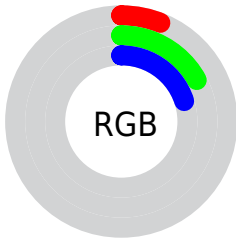
Format	Color
R_{YB}	15, 31, 51
Decimal	994099
CIE _{Lab}	15.84, -7.56, -8.35
CIE _{LCh}	16, 11.267, 227.824
Yxy	2.0683, 0.2313, 0.2884
Android (android.graphics.Color)	4279184179 (0xFF0F2B33)
YUV	35.5400, 7.6218, -18.0136
Hunter-Lab	14.3817, -4.5843, -4.1302

Details

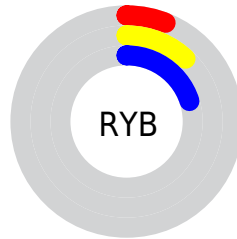
The Hex color **0F2B33** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **33170F**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **3D5861**, and **000003** is the 20% darker color. If you saturate the color by 10%, you get **0A2A33**, and if you desaturate by 10%, it is **142C33**.

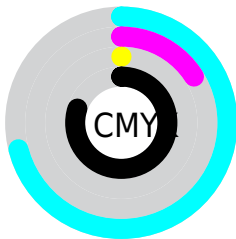
Distribution



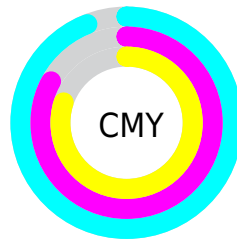
- Red (6%)
- Green (17%)
- Blue (20%)



- Red (6%)
- Yellow (12%)
- Blue (20%)



- Cyan (71%)
- Magenta (16%)
- Yellow (0%)
- Black (80%)



- Cyan (94%)
- Magenta (83%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0F2B33 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 0F2B33 by changing the saturation by 10% instead.

■ 0F2B33

■ 0F2B33

■ F7FFFF

■ 00171E

■ 3D5861

■ 000003

■ 56717A

■ 000000

■ 6E8A94

■ 88A5AF

■ A3C0CA

■ BEDCE6

■ DAF8FF

■ 0F2B33

■ 0F2B33

■ 0A2A33

■ 142C33

■ 052933

■ 192D33

■ 002833

■ 1E2E33

■ 233033

■ 293133

■ 2E3233

■ 333333

■ 383433

■ 3D3533

Harmonies

Analogous

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



0F2C2C



0F2B33



182937

Triad

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



0F2B33



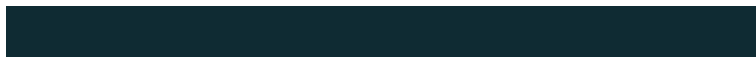
35222B



282818

Complementary

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



0F2B33



33170F

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.



302618



0F2B33



372223

Square

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



0F2B33



2E2432



35231C



1F2A1C

Rectangle

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



0F2B33



202737



35231C



2B2818

Sweetspot

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



0F2B33



343F42



0F3317



191F21



A1A1A1



212121

Same Dimension

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



0F2B33



0A3642



0F1933



17191A



004559



00A9D9

Inverse Universe

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



330F2B



420A36



33290F



1A1719



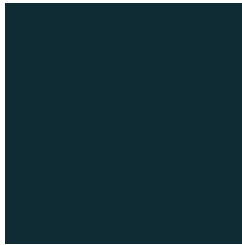
590045



D900A9

Previews

White Background



This preview shows how the Hex color 0F2B33 looks on a white background.

Color Contrast Check

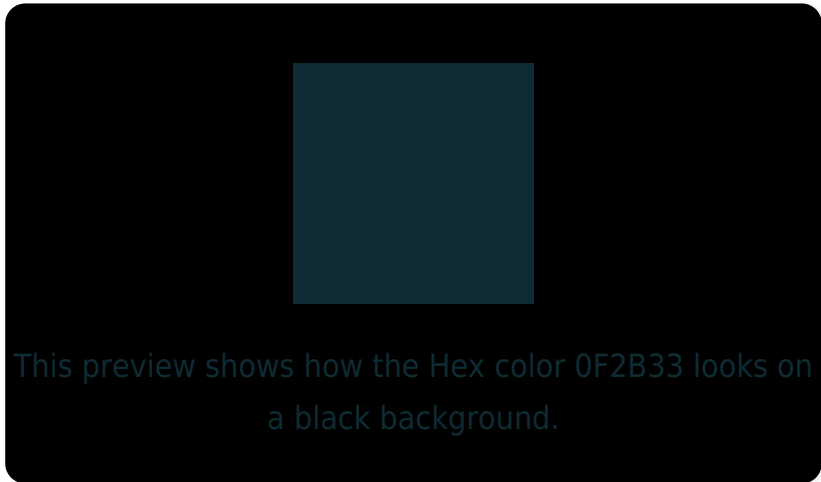
Large Text (above 18pt) WCAG AA ✓ Pass

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

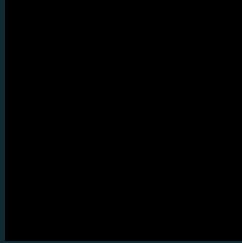
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

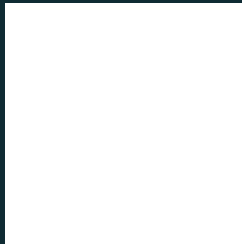
Any Text WCAG AAA × Fail

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

Hex 0F2B33 Background



This preview shows how black text looks on a background with the Hex color 0F2B33.



This preview shows how white text looks on a background with the Hex color 0F2B33.

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
0F2B33

Protanopia
262730

Deuteranopia
252734

Trichromacy



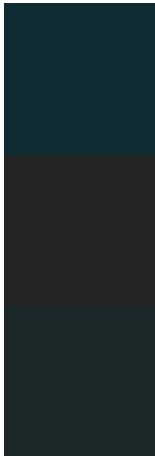
Original Color
0F2B33

Protanomaly
1E2831

Deuteranomaly
1D2834

Tritanomaly
0D2C30

Monochromacy



Original Color
0F2B33

Achromatopsia
242424

Achromatomaly
1C2729

CSS Examples

Text

The CSS property to change the color of the text to Hex 0F2B33 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 #0F2B33 looks like.

```
.text, #text, p{  
    color:#0F2B33  
}
```

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 #0F2B33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F2B33
}
```

Border

The CSS property to change the border of an element to Hex 0F2B33 is called "border". The border property can be set on classes, ids or directly on the HTML element.

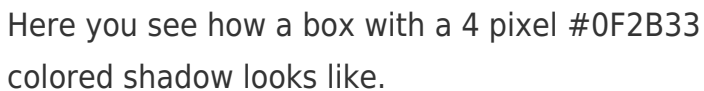
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0F2B33 }
```

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

```
.border{ border-color:#0F2B33 }
```

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



Here you see how a box with a 4 pixel #0F2B33 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0F2B33; -webkit-box-shadow:4px 4px  
4px 4px #0F2B33; box-shadow:4px 4px 4px  
4px #0F2B33 }
```

Background

The CSS property to change the background color of an element to Hex 0F2B33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F2B33 }
```

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

```
.background{ background-color:#0F2B33 }
```

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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