

Converting Colors

Hex(0F3333)

Have a look what the booklet for
Hex(0F3333) contains.

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Color

Hex(0F3333)

Conversions

Conversions Part 1

Format	Color
Hex	0F3333
RGB	15, 51, 51
RGB Percent	6%, 20%, 20%
CMY	0.9412, 0.8000, 0.8000
CMYK	0.71, 0.00, 0.00, 0.80
HSL	180°, 55%, 13%
HSV	180°, 71%, 20%
XYZ	1.9784, 2.7082, 3.5504
YIQ	40.2360, -21.4560, -7.6320

Conversions

Conversions Part 2

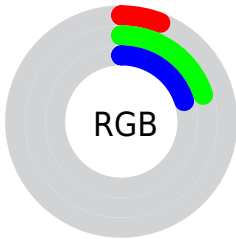
Format	Color
R_{YB}	15, 33, 51
Decimal	996147
CIE _{Lab}	18.84, -12.61, -3.83
CIE _{LCh}	19, 13.183, 196.910
Yxy	2.7082, 0.2402, 0.3288
Android (android.graphics.Color)	4279186227 (0xFF0F3333)
YUV	40.2360, 5.3067, -22.1320
Hunter-Lab	16.4567, -7.3405, -1.2718

Details

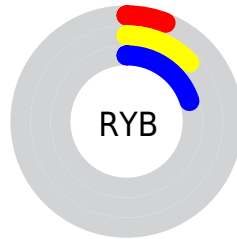
The Hex color **0F3333** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **330F0F**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **3F6261**, and **000004** is the 20% darker color. If you saturate the color by 10%, you get **0A3333**, and if you desaturate by 10%, it is **143333**.

Distribution



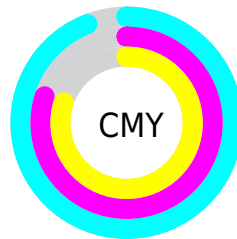
- Red (6%)
- Green (20%)
- Blue (20%)



- Red (6%)
- Yellow (13%)
- Blue (20%)



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 0F3333 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 0F3333 by changing the saturation by 10% instead.

0F3333

0F3333

F9FFFF

001E1E

3F6261

000004

577A7A

000000

709494

8AAFAE

A5CACA

C0E7E6

DCFFFF

0F3333

0F3333

■ 0A3333

■ 143333

■ 053333

■ 193333

■ 003333

■ 1E3333

■ 233333

■ 293333

■ 2E3333

■ 333333

■ 383333

■ 3D3333

Harmonies

Analogous

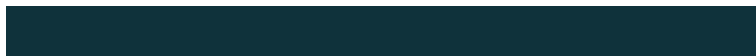
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



193329



0F3333



0F323B

Triad

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



0F3333



36293B



382C1B

Complementary

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



0F3333



330F0F

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.



3F2920



0F3333



3E2732

Square

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



0F3333



292D40



412729



2F2F1B

Rectangle

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



0F3333



16313F



412729



3B2B1C

Sweetspot

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



0F3333



344242



0F330F



192121



A1A1A1



212121

Same Dimension

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



0F3333



0A4242



0F2133



171A1A



005959



00D9D9

Inverse Universe

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



330F33



420A42



33210F



1A171A



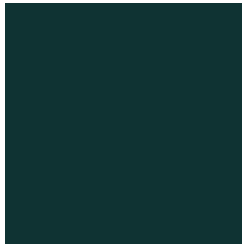
590059



D900D9

Previews

White Background



This preview shows how the Hex color 0F3333 looks on a white background.

Color Contrast Check

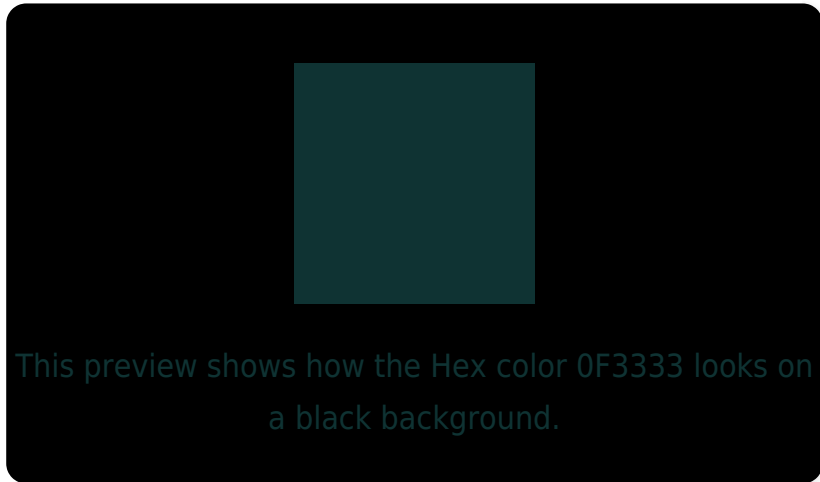
Large Text (above 18pt) WCAG AA ✓ Pass

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

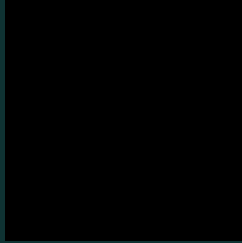
Any Text WCAG AA × Fail

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 0F3333 Background



This preview shows how black text looks on a background with the Hex color 0F3333.



This preview shows how white text looks on a background with the Hex color 0F3333.

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](#).

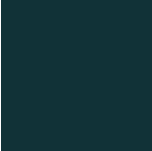
Dichromacy



Original Color
0F3333

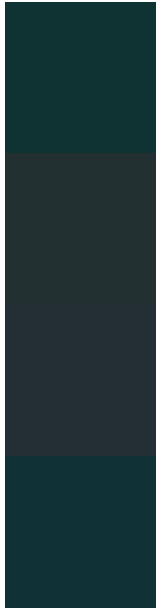
Protanopia
2E2E30

Deuteranopia
2F2D34



Tritanopia
113237

Trichromacy



Original Color
0F3333

Protanomaly
233031

Deuteranomaly
232F34

Tritanomaly
103236

Monochromacy



Original Color
0F3333

Achromatopsia
282828

Achromatomaly
1F2C2C

CSS Examples

Text

The CSS property to change the color of the text to Hex 0F3333 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 #0F3333 looks like.

```
.text, #text, p{  
    color:#0F3333  
}
```

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 #0F3333 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F3333
}
```

Border

The CSS property to change the border of an element to Hex 0F3333 is called "border". The border property can be set on classes, ids or directly on the HTML element.

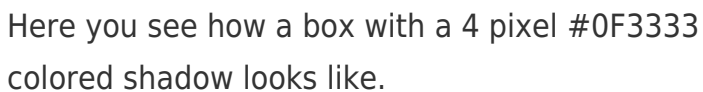
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0F3333 }
```

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

```
.border{ border-color:#0F3333 }
```

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



Here you see how a box with a 4 pixel #0F3333 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0F3333; -webkit-box-shadow:4px 4px  
4px 4px #0F3333; box-shadow:4px 4px 4px  
4px #0F3333 }
```

Background

The CSS property to change the background color of an element to Hex 0F3333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F3333 }
```

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

```
.background{ background-color:#0F3333 }
```

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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