

Converting Colors

Hex(0C3532)

Have a look what the booklet for
Hex(0C3532) contains.

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Color

Hex(0C3532)

Conversions

Conversions Part 1

Format	Color
Hex	0C3532
RGB	12, 53, 50
RGB Percent	5%, 21%, 20%
CMY	0.9529, 0.7922, 0.8039
CMYK	0.77, 0.00, 0.06, 0.79
HSL	176°, 63%, 13%
HSV	176°, 77%, 21%
XYZ	2.0004, 2.8547, 3.4632
YIQ	40.3990, -23.4730, -9.6250

Conversions

Conversions Part 2

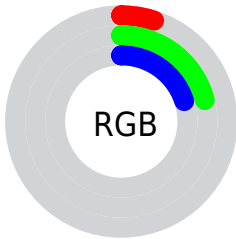
Format	Color
R_{YB}	12, 33, 53
Decimal	800050
CIE _{Lab}	19.45, -14.76, -2.24
CIE _{LCh}	19, 14.932, 188.641
Yxy	2.8547, 0.2405, 0.3432
Android (android.graphics.Color)	4278990130 (0xFF0C3532)
YUV	40.3990, 4.7333, -24.9059
Hunter-Lab	16.8957, -8.4332, -0.3259

Details

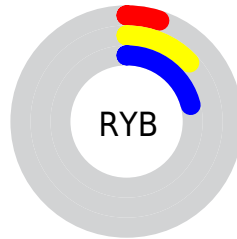
The Hex color **0C3532** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **350C0F**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **3D6460**, and **000003** is the 20% darker color. If you saturate the color by 10%, you get **073532**, and if you desaturate by 10%, it is **113532**.

Distribution



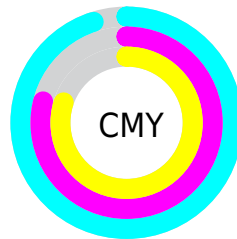
- Red (5%)
- Green (21%)
- Blue (20%)



- Red (5%)
- Yellow (13%)
- Blue (21%)



- Cyan (77%)
- Magenta (0%)
- Yellow (6%)
- Black (79%)



- Cyan (95%)
- Magenta (79%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C3532 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 0C3532 by changing the saturation by 10% instead.

 0C3532

 0C3532

 F7FFFF

 00201D

 3D6460

 000003

 557D79

 000000

 6E9793

 88B2AD

 A3CDC8

 BEE9E5

 DBFFFF

 0C3532

 0C3532

■ 073532

■ 113532

■ 013531

■ 173533

■ 003531

■ 1C3533

■ 213534

■ 273534

■ 2C3534

■ 313535

■ 363535

■ 3C3535

Harmonies

Analogous

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



1A3427



0C3532



06343C

Triad

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



0C3532



352B40



3D2C1B

Complementary

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



0C3532



350C0F

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.



432822



0C3532



3F2837

Square

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



0C3532



252F44



44272C



332F19

Rectangle

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



0C3532



0D3341



44272C



3F2B1D

Sweetspot

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



0C3532



354544



0F350C



1A2423



A3A3A3



242424

Same Dimension

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



0C3532



054540



0C2435



171A19



005953



00D9C9

Inverse Universe

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



350C0F



45050A



351D0C



1A1717



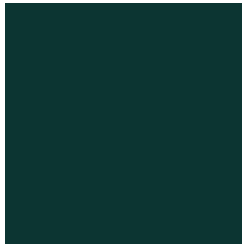
590007



D90010

Previews

White Background



This preview shows how the Hex color 0C3532 looks on a white background.

Color Contrast Check

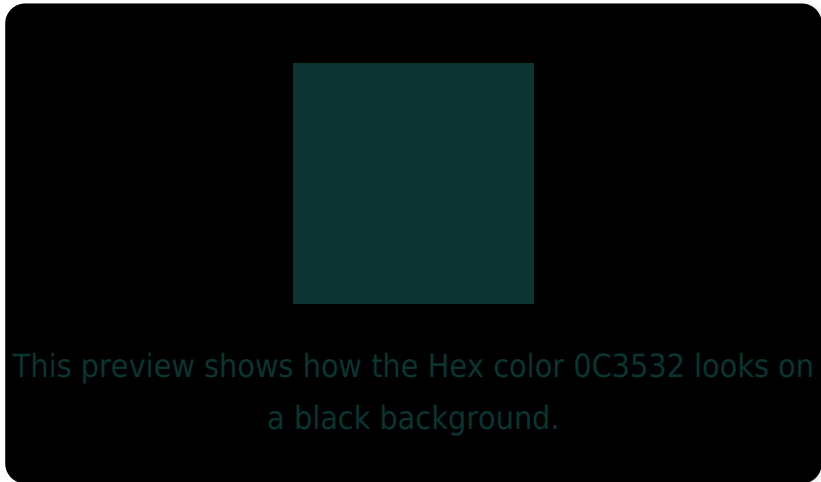
Large Text (above 18pt) WCAG AA ✓ Pass

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

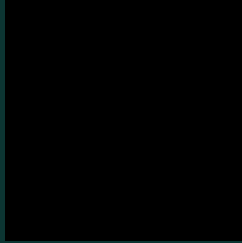
Any Text WCAG AA × Fail

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 0C3532 Background



This preview shows how black text looks on a background with the Hex color 0C3532.



This preview shows how white text looks on a background with the Hex color 0C3532.

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](#).

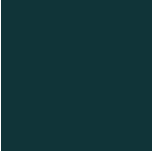
Dichromacy



Original Color
0C3532

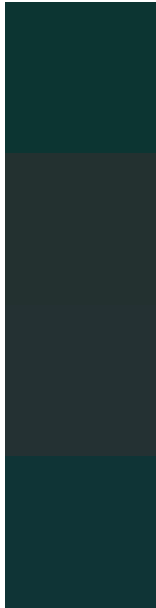
Protanopia
302F2F

Deuteranopia
322E34



Tritanopia
103438

Trichromacy



Original Color
0C3532

Protanomaly
233130

Deuteranomaly
243133

Tritanomaly
0F3436

Monochromacy



Original Color
0C3532

Achromatopsia
282828

Achromatomaly
1E2D2C

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C3532 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 #0C3532 looks like.

```
.text, #text, p{  
    color:#0C3532  
}
```

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 #0C3532 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C3532
}
```

Border

The CSS property to change the border of an element to Hex 0C3532 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
#0C3532 }
```

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

```
.border{ border-color:#0C3532 }
```

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

Here you see how a box with a 4 pixel #0C3532 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C3532; -webkit-box-shadow:4px 4px  
4px 4px #0C3532; box-shadow:4px 4px 4px  
4px #0C3532 }
```

Background

The CSS property to change the background color of an element to Hex 0C3532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C3532 }
```

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

```
.background{ background-color:#0C3532 }
```

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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