

Converting Colors

Hex(0D3036)

Have a look what the booklet for
Hex(0D3036) contains.

Hex(0D3036)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(0D3036)

Conversions

Conversions Part 1

Format	Color
Hex	0D3036
RGB	13, 48, 54
RGB Percent	5%, 19%, 21%
CMY	0.9490, 0.8118, 0.7882
CMYK	0.76, 0.11, 0.00, 0.79
HSL	189°, 61%, 13%
HSV	189°, 76%, 21%
XYZ	1.8888, 2.4658, 3.8664
YIQ	38.2190, -22.7860, -5.5540

Conversions

Conversions Part 2

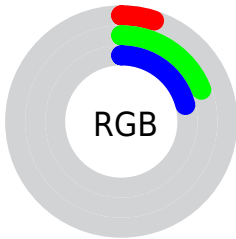
Format	Color
RYB	13, 32, 54
Decimal	864310
CIELab	17.76, -10.10, -7.52
CIELCh	18, 12.595, 216.687
Yxy	2.4658, 0.2298, 0.2999
Android (android.graphics.Color)	4279054390 (0xFF0D3036)
YUV	38.2190, 7.7800, -22.1171
Hunter-Lab	15.7029, -6.0096, -3.6066

Details

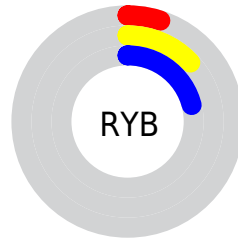
The Hex color **0D3036** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **36130D**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **3D5E65**, and **000009** is the 20% darker color. If you saturate the color by 10%, you get **082F36**, and if you desaturate by 10%, it is **123136**.

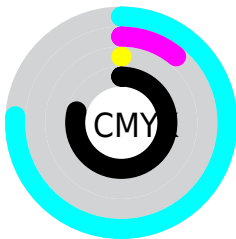
Distribution



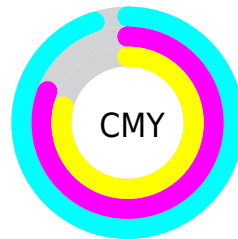
- Red (5%)
- Green (19%)
- Blue (21%)



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



- Cyan (76%)
- Magenta (11%)
- Yellow (0%)
- Black (79%)



- Cyan (95%)
- Magenta (81%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D3036 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 0D3036 by changing the saturation by 10% instead.

 0D3036

 0D3036

 F7FFFF

 001B21

 3D5E65

 000009

 55777E

 000000

 6F9197

 89ABB2

 A3C6CE

 BFE2EA

 DBFFFF

 0D3036

 0D3036

■ 082F36

■ 123136

■ 022E36

■ 183236

■ 002E36

■ 1D3236

■ 233336

■ 283436

■ 2D3536

■ 333636

■ 383636

■ 3E3736

Harmonies

Analogous

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



11302D



0D3036



152E3C

Triad

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



0D3036



392633



302C19

Complementary

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



0D3036



36130D

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.



38291B



0D3036



3D252A

Square

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



0D3036



2F283A



3D2621



262E1D

Rectangle

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



0D3036



1E2D3D



3D2621



332B19

Sweetspot

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



0D3036



374547



0D3612



1A2224



A3A3A3



242424

Same Dimension

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



0D3036



063E47



0D1C36



191C1C



004E5C



00BBDB

Inverse Universe

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



360D30



47063E



36270D



1C191C



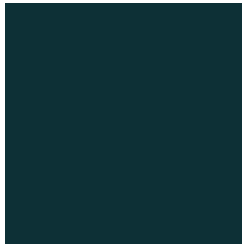
5C004E



DB00BB

Previews

White Background



This preview shows how the Hex color 0D3036 looks on a white background.

Color Contrast Check

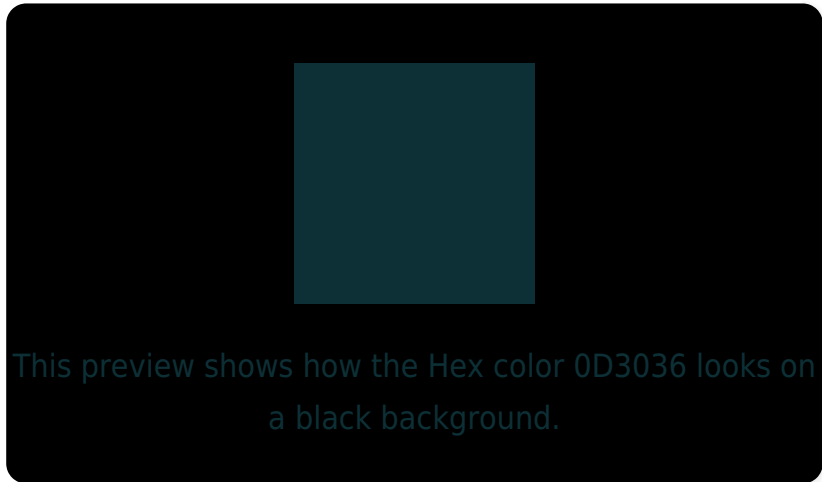
Large Text (above 18pt) WCAG AA ✓ Pass

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

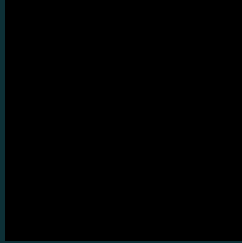
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

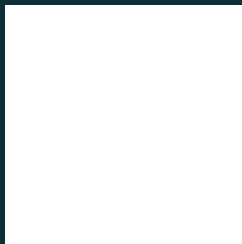
Any Text WCAG AAA × Fail

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

Hex 0D3036 Background



This preview shows how black text looks on a background with the Hex color 0D3036.



This preview shows how white text looks on a background with the Hex color 0D3036.

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
0D3036

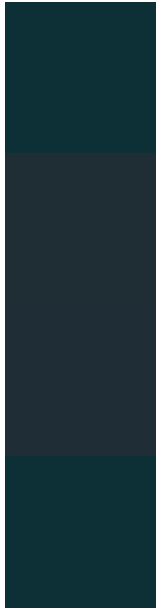
Protanopia
2A2B33

Deuteranopia
2A2B37



Tritanopia
0B3034

Trichromacy



Original Color
0D3036

Protanomaly
1F2D34

Deuteranomaly
1F2D37

Tritanomaly
0C3035

Monochromacy



Original Color
0D3036

Achromatopsia
262626

Achromatomaly
1D2A2C

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D3036 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 #0D3036 looks like.

```
.text, #text, p{  
    color:#0D3036  
}
```

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 #0D3036 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D3036
}
```

Border

The CSS property to change the border of an element to Hex 0D3036 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
#0D3036 }
```

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

```
.border{ border-color:#0D3036 }
```

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

Here you see how a box with a 4 pixel #0D3036 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D3036; -webkit-box-shadow:4px 4px  
4px 4px #0D3036; box-shadow:4px 4px 4px  
4px #0D3036 }
```

Background

The CSS property to change the background color of an element to Hex 0D3036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D3036 }
```

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

```
.background{ background-color:#0D3036 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor