

Converting Colors

Hex(0A3732)

Have a look what the booklet for
Hex(0A3732) contains.

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Color

Hex(0A3732)

Conversions

Conversions Part 1

Format	Color
Hex	0A3732
RGB	10, 55, 50
RGB Percent	4%, 22%, 20%
CMY	0.9608, 0.7843, 0.8039
CMYK	0.82, 0.00, 0.09, 0.78
HSL	173°, 69%, 13%
HSV	173°, 82%, 22%
XYZ	2.0671, 3.0272, 3.4930
YIQ	40.9750, -25.2150, -11.0950

Conversions

Conversions Part 2

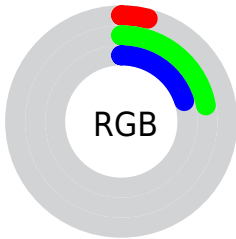
Format	Color
R_{YB}	10, 34, 55
Decimal	669490
CIE Lab	20.15, -16.26, -1.22
CIE LCh	20, 16.310, 184.279
Yxy	3.0272, 0.2407, 0.3525
Android (android.graphics.Color)	4278859570 (0xFF0A3732)
YUV	40.9750, 4.4493, -27.1651
Hunter-Lab	17.3988, -9.2411, 0.2762

Details

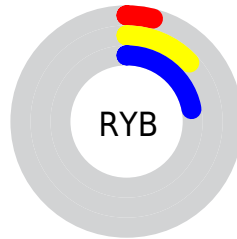
The Hex color **0A3732** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **370A0F**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **3C6660**, and **000103** is the 20% darker color. If you saturate the color by 10%, you get **043731**, and if you desaturate by 10%, it is **0F3733**.

Distribution



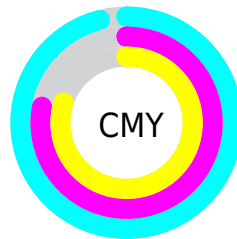
- Red (4%)
- Green (22%)
- Blue (20%)



- Red (4%)
- Yellow (13%)
- Blue (22%)



- Cyan (82%)
- Magenta (0%)
- Yellow (9%)
- Black (78%)



- Cyan (96%)
- Magenta (78%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0A3732 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 0A3732 by changing the saturation by 10% instead.

 0A3732

 0A3732

 F7FFFF

 00211D

 3C6660

 000103

 557F79

 000000

 6E9993

 88B4AD

 A3D0C8

 BEECE5

 DAFFFF

 0A3732

 0A3732

■ 043731

■ 0F3733

■ 003731

■ 153733

■ 1A3734

■ 203734

■ 253735

■ 2B3736

■ 313736

■ 363737

■ 3C3738

Harmonies

Analogous

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



1C3626



0A3732



00373E

Triad

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



0A3732



342D44



412C1B

Complementary

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



0A3732



370A0F

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.



472924



0A3732



41293B

Square

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



0A3732



223148



47272F



373019

Rectangle

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



0A3732



043544



47272F



432B1E

Sweetspot

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



0A3732



364745



0F370A



192423



A3A3A3



242424

Same Dimension

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



0A3732



014740



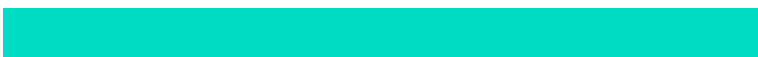
0A2637



191C1C



005C52



00DBC3

Inverse Universe

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



370A0F



470109



371B0A



1C191A



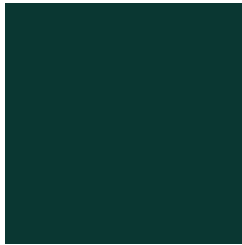
5C000A



DB0018

Previews

White Background



This preview shows how the Hex color 0A3732 looks on a white background.

Color Contrast Check

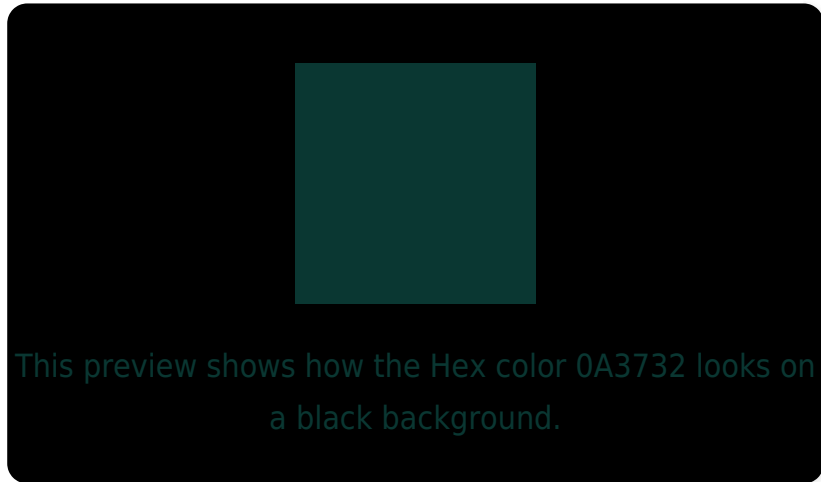
Large Text (above 18pt) WCAG AA ✓ Pass

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

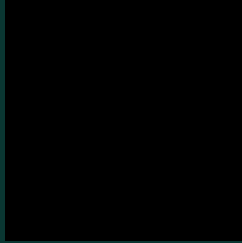
Any Text WCAG AA × Fail

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 0A3732 Background



This preview shows how black text looks on a background with the Hex color 0A3732.



This preview shows how white text looks on a background with the Hex color 0A3732.

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](#).

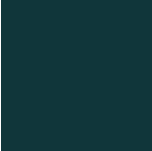
Dichromacy



Original Color
0A3732

Protanopia
32312E

Deuteranopia
342F34



Tritanopia
10363A

Trichromacy



Original Color
0A3732

Protanomaly
23332F

Deuteranomaly
253233

Tritanomaly
0E3637

Monochromacy



Original Color
0A3732

Achromatopsia
292929

Achromatomaly
1E2E2C

CSS Examples

Text

The CSS property to change the color of the text to Hex 0A3732 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 #0A3732 looks like.

```
.text, #text, p{  
    color:#0A3732  
}
```

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 #0A3732 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A3732
}
```

Border

The CSS property to change the border of an element to Hex 0A3732 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
#0A3732 }
```

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

```
.border{ border-color:#0A3732 }
```

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

Here you see how a box with a 4 pixel #0A3732 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A3732; -webkit-box-shadow:4px 4px  
4px 4px #0A3732; box-shadow:4px 4px 4px  
4px #0A3732 }
```

Background

The CSS property to change the background color of an element to Hex 0A3732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A3732 }
```

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

```
.background{ background-color:#0A3732 }
```

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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