

Converting Colors

Hex(0A332D)

Have a look what the booklet for
Hex(0A332D) contains.

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Color

Hex(0A332D)

Conversions

Conversions Part 1

Format	Color
Hex	0A332D
RGB	10, 51, 45
RGB Percent	4%, 20%, 18%
CMY	0.9608, 0.8000, 0.8235
CMYK	0.80, 0.00, 0.12, 0.80
HSL	171°, 67%, 12%
HSV	171°, 80%, 20%
XYZ	1.7827, 2.6216, 2.8947
YIQ	38.0570, -22.5100, -10.5580

Conversions

Conversions Part 2

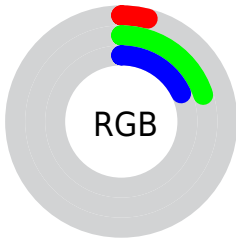
Format	Color
RYB	10, 32, 51
Decimal	668461
CIELab	18.46, -15.69, -0.28
CIELCh	18, 15.692, 181.013
Yxy	2.6216, 0.2442, 0.3592
Android (android.graphics.Color)	4278858541 (0xFF0A332D)
YUV	38.0570, 3.4229, -24.6060
Hunter-Lab	16.1915, -8.6826, 0.7343

Details

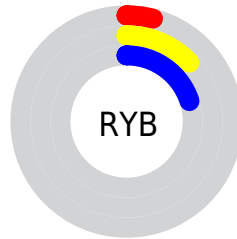
The Hex color **0A332D** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **330A10**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **3B625B**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **05332C**, and if you desaturate by 10%, it is **0F332E**.

Distribution



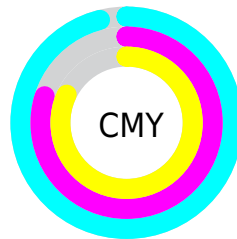
- Red (4%)
- Green (20%)
- Blue (18%)



- Red (4%)
- Yellow (13%)
- Blue (20%)



- Cyan (80%)
- Magenta (0%)
- Yellow (12%)
- Black (80%)



- Cyan (96%)
- Magenta (80%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0A332D 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 0A332D by changing the saturation by 10% instead.

 0A332D

 0A332D

 F4FFFF

 001E18

 3B625B

 000000

 537B73

 6C958D

 86AFA7

 A0CBC2

 BCE7DE

 D8FFFB

 0A332D

 0A332D

■ 05332C

■ 0F332E

■ 00332C

■ 14332E

■ 19332F

■ 1E3330

■ 243331

■ 293331

■ 2E3332

■ 333333

■ 383334

Harmonies

Analogous

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



1A3222



0A332D



003338

Triad

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



0A332D



2F2A40



3D2819

Complementary

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



0A332D



330A10

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.



422522



0A332D



3C2638

Square

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



0A332D



1D2E44



42242D



342C16

Rectangle

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



0A332D



02323E



42242D



40271C

Sweetspot

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



0A332D



324240



10330A



182120



A1A1A1



212121

Same Dimension

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



0A332D



034239



0A2533



171A19



00594C



00D9B9

Inverse Universe

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



330A10



42030C



33180A



1A1717



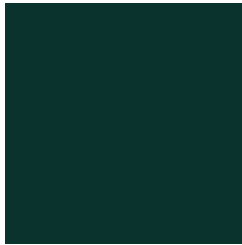
59000D



D90020

Previews

White Background



This preview shows how the Hex color 0A332D looks on a white background.

Color Contrast Check

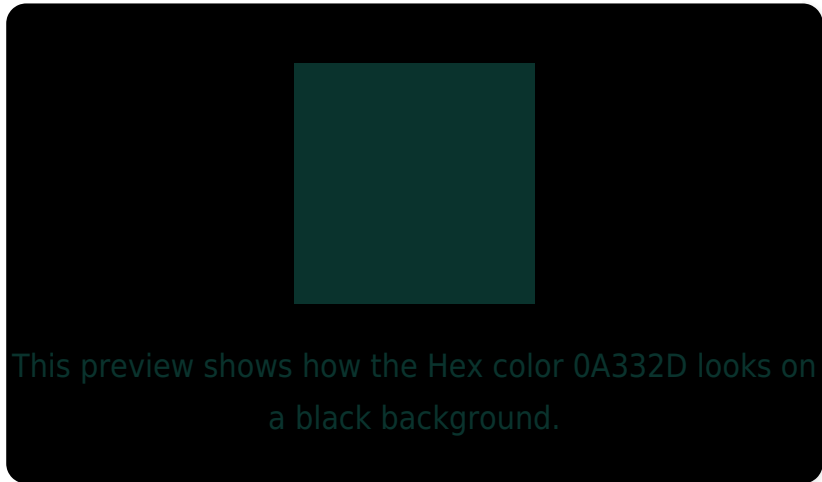
Large Text (above 18pt) WCAG AA ✓ Pass

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

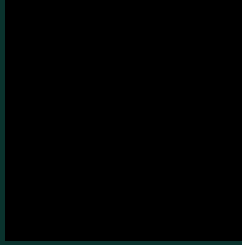
Any Text WCAG AA × Fail

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 0A332D Background



This preview shows how black text looks on a background with the Hex color 0A332D.



This preview shows how white text looks on a background with the Hex color 0A332D.

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](#).

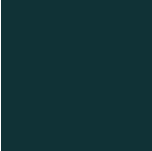
Dichromacy



Original Color
0A332D

Protanopia
2F2D2A

Deuteranopia
312C2F



Tritanopia
103236

Trichromacy



Original Color
0A332D

Protanomaly
222F2B

Deuteranomaly
232F2E

Tritanomaly
0E3233

Monochromacy



Original Color
0A332D

Achromatopsia
262626

Achromatomaly
1C2B29

CSS Examples

Text

The CSS property to change the color of the text to Hex 0A332D 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 #0A332D looks like.

```
.text, #text, p{  
    color:#0A332D  
}
```

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 #0A332D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A332D
}
```

Border

The CSS property to change the border of an element to Hex 0A332D 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
#0A332D }
```

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

```
.border{ border-color:#0A332D }
```

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

Here you see how a box with a 4 pixel #0A332D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A332D; -webkit-box-shadow:4px 4px  
4px 4px #0A332D; box-shadow:4px 4px 4px  
4px #0A332D }
```

Background

The CSS property to change the background color of an element to Hex 0A332D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A332D }
```

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

```
.background{ background-color:#0A332D }
```

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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