

Converting Colors

Hex(0A4232)

Have a look what the booklet for
Hex(0A4232) contains.

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Color

Hex(0A4232)

Conversions

Conversions Part 1

Format	Color
Hex	0A4232
RGB	10, 66, 50
RGB Percent	4%, 26%, 20%
CMY	0.9608, 0.7412, 0.8039
CMYK	0.85, 0.00, 0.24, 0.74
HSL	163°, 74%, 15%
HSV	163°, 85%, 26%
XYZ	2.6491, 4.1912, 3.6870
YIQ	47.4320, -28.2400, -16.8480

Conversions

Conversions Part 2

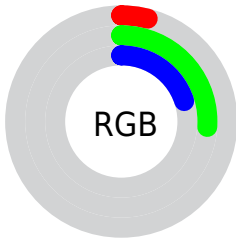
Format	Color
R_{YB}	10, 43, 66
Decimal	672306
CIE _{Lab}	24.29, -22.08, 4.77
CIE _{LCh}	24, 22.592, 167.817
Yxy	4.1912, 0.2516, 0.3981
Android (android.graphics.Color)	4278862386 (0xFF0A4232)
YUV	47.4320, 1.2660, -32.8279
Hunter-Lab	20.4725, -12.7293, 3.6530

Details

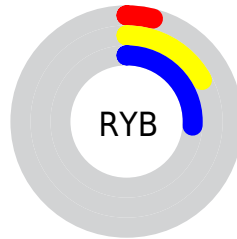
The Hex color **0A4232** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **420A1A**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **3F7260**, and **001803** is the 20% darker color. If you saturate the color by 10%, you get **034230**, and if you desaturate by 10%, it is **114234**.

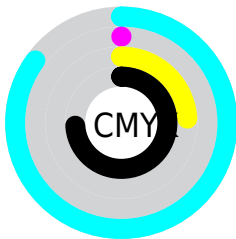
Distribution



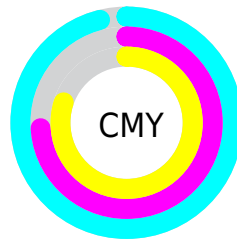
- Red (4%)
- Green (26%)
- Blue (20%)



- Red (4%)
- Yellow (17%)
- Blue (26%)



- Cyan (85%)
- Magenta (0%)
- Yellow (24%)
- Black (74%)



- Cyan (96%)
- Magenta (74%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0A4232 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 0A4232 by changing the saturation by 10% instead.

 0A4232

 0A4232

 FCFFFF

 002B1D

 3F7260

 001803

 588C79

 000000

 71A793

 8CC2AD

 A7DEC9

 C2FBE5

 DFFFFF

 0A4232

 0A4232

■ 034230

■ 114234

■ 00422F

■ 174236

■ 1E4238

■ 24423A

■ 2B423B

■ 32423D

■ 38423F

■ 3F4241

■ 454243

Harmonies

Analogous

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



274022



0A4232



004244

Triad

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



0A4232



30385A



553021

Complementary

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



0A4232



420A1A

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.



5A2C30



0A4232



483151

Square

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



0A4232



073E5B



562C41



4A3618

Rectangle

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



0A4232



00424E



562C41



582E26

Sweetspot

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



0A4232



415751



1B420A



1E2B28



ABABAB



2B2B2B

Same Dimension

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



0A4232



00573E



0A3742



1E2120



006145



00E0A0

Inverse Universe

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



420A1A



570019



42150A



211E1F



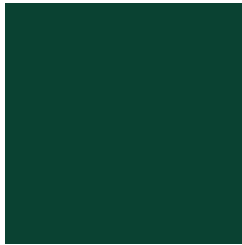
61001C



E00040

Previews

White Background



This preview shows how the Hex color 0A4232 looks on a white background.

Color Contrast Check

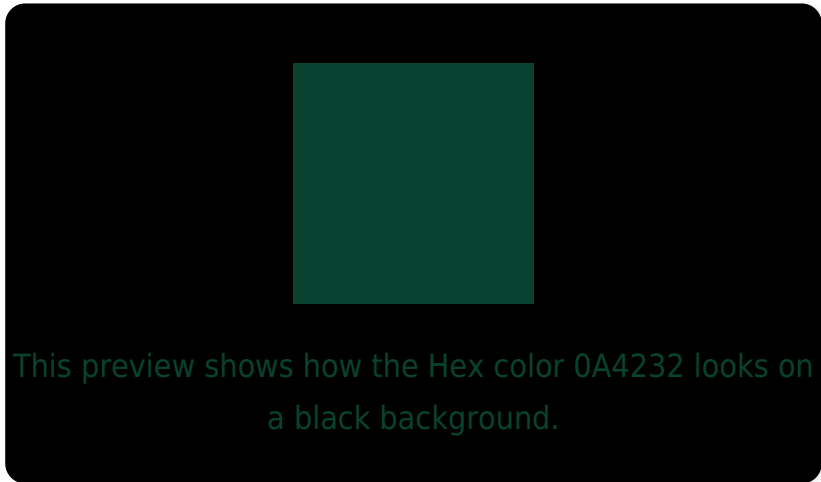
Large Text (above 18pt) WCAG AA ✓ Pass

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 0A4232 Background



This preview shows how black text looks on a background with the Hex color 0A4232.



This preview shows how white text looks on a background with the Hex color 0A4232.

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

0A4232

Protanopia

3D3A2E

Deuteranopia

413834



Tritanopia
174045

Trichromacy



Original Color
0A4232

Protanomaly
2A3D2F

Deuteranomaly
2D3C33

Tritanomaly
12413E

Monochromacy



Original Color
0A4232

Achromatopsia
2F2F2F

Achromatomaly
223630

CSS Examples

Text

The CSS property to change the color of the text to Hex 0A4232 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 #0A4232 looks like.

```
.text, #text, p{  
    color:#0A4232  
}
```

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 #0A4232 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A4232
}
```

Border

The CSS property to change the border of an element to Hex 0A4232 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
#0A4232 }
```

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

```
.border{ border-color:#0A4232 }
```

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

Here you see how a box with a 4 pixel #0A4232 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A4232; -webkit-box-shadow:4px 4px  
4px 4px #0A4232; box-shadow:4px 4px 4px  
4px #0A4232 }
```

Background

The CSS property to change the background color of an element to Hex 0A4232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A4232 }
```

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

```
.background{ background-color:#0A4232 }
```

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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