

Converting Colors

Hex(3A4232)

Have a look what the booklet for
Hex(3A4232) contains.

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Color

Hex(3A4232)

Conversions

Conversions Part 1

Format	Color
Hex	3A4232
RGB	58, 66, 50
RGB Percent	23%, 26%, 20%
CMY	0.7725, 0.7412, 0.8039
CMYK	0.12, 0.00, 0.24, 0.74
HSL	90°, 14%, 23%
HSV	90°, 24%, 26%
XYZ	4.2689, 5.0263, 3.7628
YIQ	61.7840, 0.3680, -6.6720

Conversions

Conversions Part 2

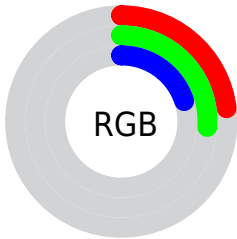
Format	Color
RYB	50, 66, 58
Decimal	3818034
CIELab	26.81, -6.79, 8.66
CIElCh	27, 11.010, 128.097
Yxy	5.0263, 0.3269, 0.3849
Android (android.graphics.Color)	4282008114 (0xFF3A4232)
YUV	61.7840, -5.8095, -3.3186
Hunter-Lab	22.4193, -5.2456, 5.7425

Details

The Hex color **3A4232** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3A3242**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **697260**, and **101803** is the 20% darker color. If you saturate the color by 10%, you get **37422B**, and if you desaturate by 10%, it is **3D4239**.

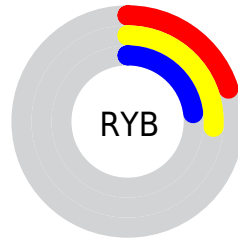
Distribution



Red (23%)

Green (26%)

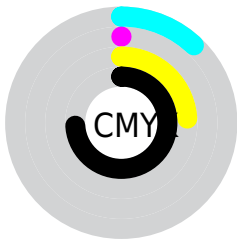
Blue (20%)



Red (20%)

Yellow (26%)

Blue (23%)

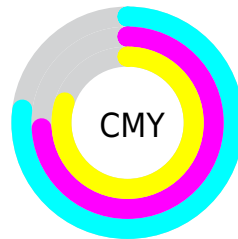


Cyan (12%)

Magenta (0%)

Yellow (24%)

Black (74%)



Cyan (77%)

Magenta (74%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A4232 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 3A4232 by changing the saturation by 10% instead.

■ 3A4232

■ 3A4232

FFFFFF

■ 242C1D

■ 697260

■ 101803

■ 828B79

■ 000000

■ 9DA693

■ B7C1AD

■ D3DDC9

■ EFF9E5

■ 3A4232

■ 3A4232

■ 37422B

■ 3D4239

■ 334225

■ 41423F

■ 30421E

■ 444246

■ 2D4218

■ 47424C

■ 294211

■ 4B4253

■ 26420A

■ 4E425A

■ 234204

■ 514260

■ 214200

■ 544267

■ 58426D

Harmonies

Analogous

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



43402F



3A4232



314439

Triad

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



3A4232



2E424F



50393D

Complementary

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



3A4232



3A3242

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.



4C3A46



3A4232



393F50

Square

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



3A4232



284449



443C4D



503A35

Rectangle

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



3A4232



2B443F



443C4D



503940

Sweetspot

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



3A4232



545751



423A32



2A2B28



ABABAB



2B2B2B

Same Dimension

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



3A4232



4A573E



324232



1F211E



306100



70E000

Inverse Universe

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



3A3242



4A3E57



423242



1F1E21



300061



7000E0

Previews

White Background



This preview shows how the Hex color 3A4232 looks on a white background.

Color Contrast Check

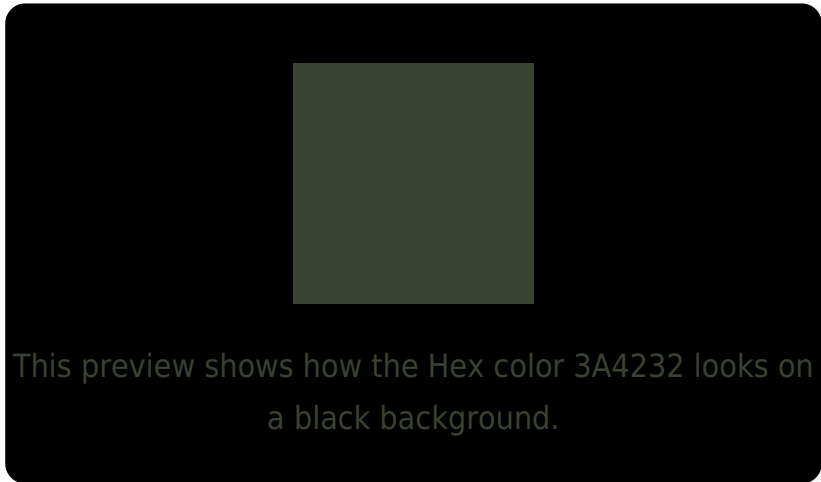
Large Text (above 18pt) WCAG AA ✓ Pass

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

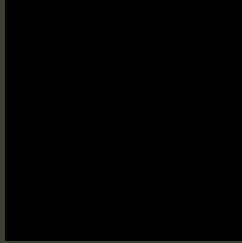
Any Text WCAG AA × Fail

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 3A4232 Background



This preview shows how black text looks on a background with the Hex color 3A4232.

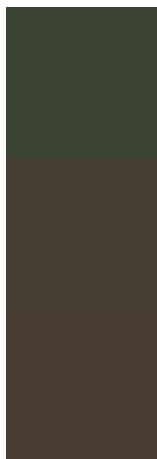


This preview shows how white text looks on a background with the Hex color 3A4232.

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

3A4232

Protanopia

443F31

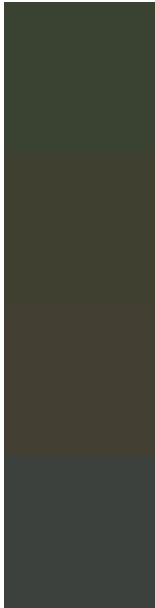
Deuteranopia

4A3D33



Tritanopia
3D4045

Trichromacy



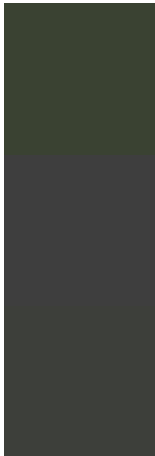
Original Color
3A4232

Protanomaly
404031

Deuteranomaly
443F33

Tritanomaly
3C413E

Monochromacy



Original Color
3A4232

Achromatopsia
3E3E3E

Achromatomaly
3D3F3A

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A4232 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 #3A4232 looks like.

```
.text, #text, p{  
    color:#3A4232  
}
```

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 #3A4232 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A4232
}
```

Border

The CSS property to change the border of an element to Hex 3A4232 is called "border". The border property can be set on classes, ids or directly on the HTML element.

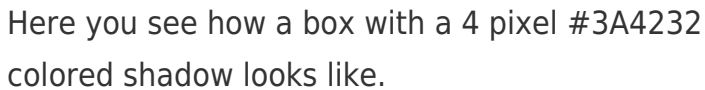
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3A4232 }
```

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

```
.border{ border-color:#3A4232 }
```

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



Here you see how a box with a 4 pixel #3A4232 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A4232; -webkit-box-shadow:4px 4px  
4px 4px #3A4232; box-shadow:4px 4px 4px  
4px #3A4232 }
```

Background

The CSS property to change the background color of an element to Hex 3A4232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A4232 }
```

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

```
.background{ background-color:#3A4232 }
```

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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