

Converting Colors

Hex(3A4438)

Have a look what the booklet for
Hex(3A4438) contains.

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Color

Hex(3A4438)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 3A4438 |
| RGB | 58, 68, 56 |
| RGB Percent | 23%, 27%, 22% |
| CMY | 0.7725, 0.7333, 0.7804 |
| CMYK | 0.15, 0.00, 0.18, 0.73 |
| HSL | 110°, 10%, 24% |
| HSV | 110°, 18%, 27% |
| XYZ | 4.5259, 5.3193, 4.5296 |
| YIQ | 63.6420, -2.1080, -5.8520 |

Conversions

Conversions Part 2

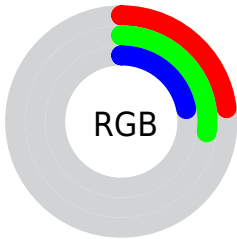
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 56, 68, 66 |
| Decimal | 3818552 |
| CIE Lab | 27.63, -6.81, 5.92 |
| CIE LCh | 28, 9.025, 139.030 |
| Yxy | 5.3193, 0.3148, 0.3700 |
| Android (android.graphics.Color) | 4282008632 (0xFF3A4438) |
| YUV | 63.6420, -3.7675, -4.9480 |
| Hunter-Lab | 23.0636, -5.3337, 4.5003 |

Details

The Hex color **3A4438** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **423844**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **697467**, and **10190D** is the 20% darker color. If you saturate the color by 10%, you get **344431**, and if you desaturate by 10%, it is **40443F**.

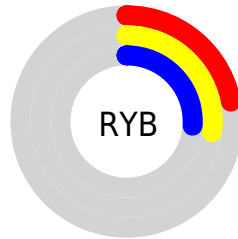
Distribution



Red (23%)

Green (27%)

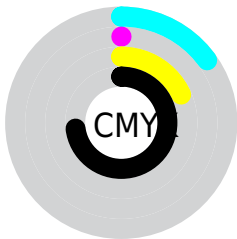
Blue (22%)



Red (22%)

Yellow (27%)

Blue (26%)

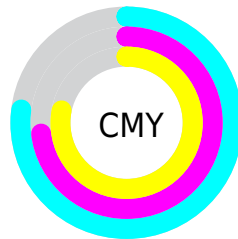


Cyan (15%)

Magenta (0%)

Yellow (18%)

Black (73%)



Cyan (77%)

Magenta (73%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A4438 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 3A4438 by changing the saturation by 10% instead.



3A4438



3A4438

FFFFFF



242E23



697467



10190D



828E80



000000



9CA89A



B7C3B5



D3DFD0



EFFCEC



3A4438



3A4438



344431



40443F

■ 2F442A

■ 454446

■ 294424

■ 4B444C

■ 23441D

■ 514453

■ 1E4416

■ 56445A

■ 18440F

■ 5C4461

■ 124408

■ 624468

■ 0D4402

■ 67446E

■ 0B4400

■ 6D4475

Harmonies

Analogous

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



424234



3A4438



33453E

Triad

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



3A4438



36434F



503D3D

Complementary

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



3A4438



423844

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.



4E3D44



3A4438



3F404E

Square

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



3A4438



30444B



483E4A



4E3E37

Rectangle

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



3A4438



304543



483E4A



503C3F

Sweetspot

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



3A4438



565955



444238



2C2E2B



ADADAD



2E2E2E

Same Dimension

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



3A4438



4A5947



38443C



1E211E



106100



25E000

Inverse Universe

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



423844



564759



443840



211E21



510061



BB00E0

Previews

White Background



This preview shows how the Hex color 3A4438 looks on a white background.

Color Contrast Check

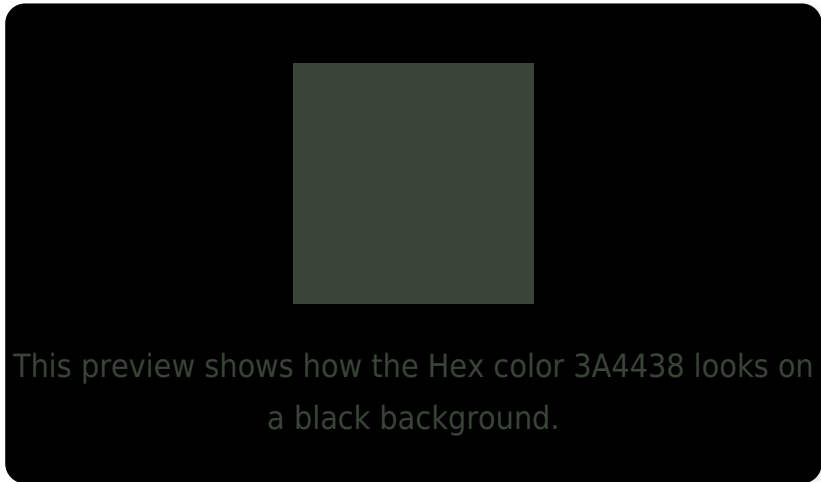
Large Text (above 18pt) WCAG AA ✓ Pass

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

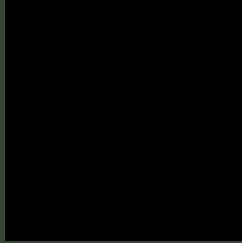
Any Text WCAG AA × Fail

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 3A4438 Background



This preview shows how black text looks on a background with the Hex color 3A4438.

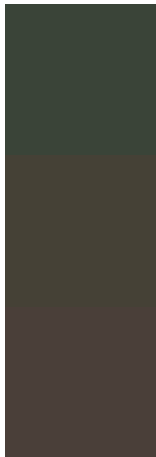


This preview shows how white text looks on a background with the Hex color 3A4438.

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
3A4438

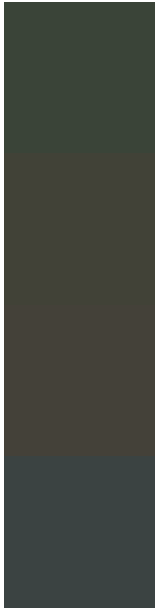
Protanopia
454136

Deuteranopia
4A3F39



Tritanopia
3C4247

Trichromacy



Original Color

3A4438

Protanomaly

414237

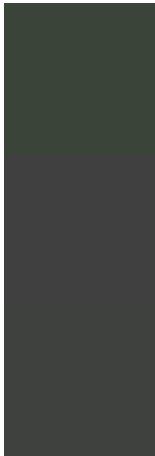
Deuteranomaly

444139

Tritanomaly

3B4342

Monochromacy



Original Color

3A4438

Achromatopsia

404040

Achromatomaly

3E413D

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A4438 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 #3A4438 looks like.

```
.text, #text, p{  
    color:#3A4438  
}
```

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 #3A4438 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A4438
}
```

Border

The CSS property to change the border of an element to Hex 3A4438 is called "border". The border property can be set on classes, ids or directly on the HTML element.

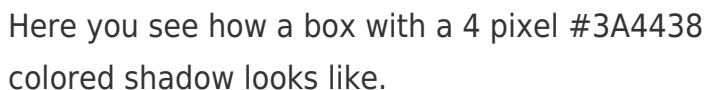
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3A4438 }
```

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

```
.border{ border-color:#3A4438 }
```

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



Here you see how a box with a 4 pixel #3A4438 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A4438; -webkit-box-shadow:4px 4px  
4px 4px #3A4438; box-shadow:4px 4px 4px  
4px #3A4438 }
```

Background

The CSS property to change the background color of an element to Hex 3A4438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A4438 }
```

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

```
.background{ background-color:#3A4438 }
```

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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