

Converting Colors

Hex(33442D)

Have a look what the booklet for
Hex(33442D) contains.

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Color

Hex(33442D)

Conversions

Conversions Part 1

Format	Color
Hex	33442D
RGB	51, 68, 45
RGB Percent	20%, 27%, 18%
CMY	0.8000, 0.7333, 0.8235
CMYK	0.25, 0.00, 0.34, 0.73
HSL	104°, 20%, 22%
HSV	104°, 34%, 27%
XYZ	3.9060, 5.0275, 3.2472
YIQ	60.2950, -2.7490, -10.7570

Conversions

Conversions Part 2

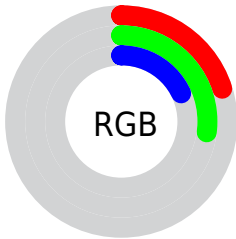
Format	Color
RYB	45, 68, 62
Decimal	3359789
CIELab	26.81, -11.99, 11.79
CIElCh	27, 16.821, 135.482
Yxy	5.0275, 0.3207, 0.4127
Android (android.graphics.Color)	4281549869 (0xFF33442D)
YUV	60.2950, -7.5404, -8.1517
Hunter-Lab	22.4221, -8.1433, 7.1091

Details

The Hex color **33442D** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3E2D44**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **62745B**, and **071A00** is the 20% darker color. If you saturate the color by 10%, you get **2E4426**, and if you desaturate by 10%, it is **384434**.

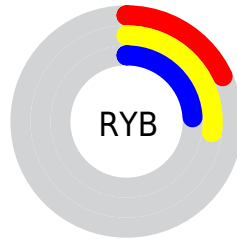
Distribution



Red (20%)

Green (27%)

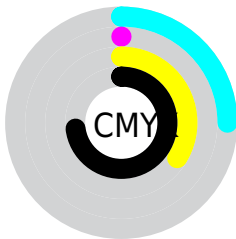
Blue (18%)



Red (18%)

Yellow (27%)

Blue (24%)

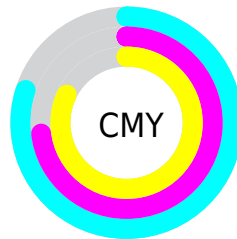


Cyan (25%)

Magenta (0%)

Yellow (34%)

Black (73%)



Cyan (80%)

Magenta (73%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 33442D 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 33442D by changing the saturation by 10% instead.



33442D



33442D

FFFFFF



1D2E18



62745B



071A00



7B8E73



000000



95A88D



B0C3A7



CBDFC3



E7FCDF



FFFFFFB



33442D



33442D

■ 2E4426

■ 384434

■ 29441F

■ 3D443B

■ 244419

■ 424441

■ 1F4412

■ 474448

■ 1A440B

■ 4C444F

■ 154404

■ 514456

■ 124400

■ 56445D

■ 5B4463

■ 60446A

Harmonies

Analogous

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



414126



33442D



234639

Triad

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



33442D



244258



593639

Complementary

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



33442D



3E2D44

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.



553646



33442D



383E58

Square

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



33442D



144551



493A51



56382E

Rectangle

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



33442D



194641



493A51



58363D

Sweetspot

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



33442D



535950



443E2D



2A2E28



ADADAD



2E2E2E

Same Dimension

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



33442D



3E5935



2D4432



1F211E



196100



3BE000

Inverse Universe

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



3E2D44



503559



442D3F



201E21



480061



A600E0

Previews

White Background



This preview shows how the Hex color 33442D looks on a white background.

Color Contrast Check

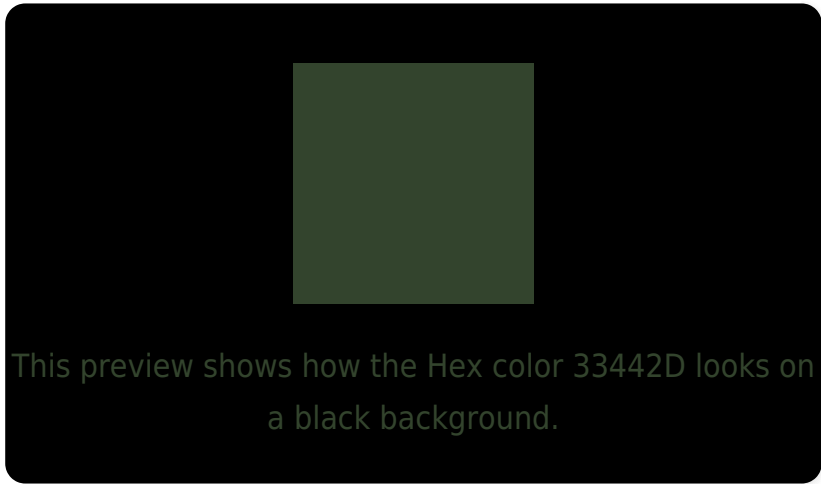
Large Text (above 18pt) WCAG AA ✓ Pass

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

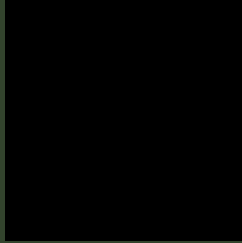
Any Text WCAG AA × Fail

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 33442D Background



This preview shows how black text looks on a background with the Hex color 33442D.



This preview shows how white text looks on a background with the Hex color 33442D.

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](#).

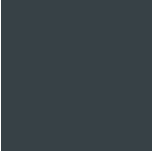
Dichromacy



Original Color
33442D

Protanopia
443F2B

Deuteranopia
4B3D2F



Tritanopia
374146

Trichromacy



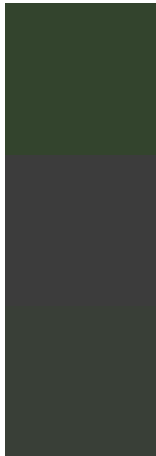
Original Color
33442D

Protanomaly
3E412C

Deuteranomaly
42402E

Tritanomaly
36423D

Monochromacy



Original Color
33442D

Achromatopsia
3C3C3C

Achromatomaly
393F37

CSS Examples

Text

The CSS property to change the color of the text to Hex 33442D 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 #33442D looks like.

```
.text, #text, p{  
    color:#33442D  
}
```

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 #33442D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #33442D
}
```

Border

The CSS property to change the border of an element to Hex 33442D 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".

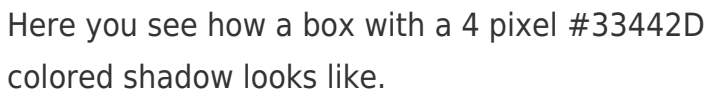
```
.border, #border, table{ border:4px solid
#33442D }
```

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

```
.border{ border-color:#33442D }
```

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

Here you see how a box with a 4 pixel #33442D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #33442D; -webkit-box-shadow:4px 4px  
4px 4px #33442D; box-shadow:4px 4px 4px  
4px #33442D }
```

Background

The CSS property to change the background color of an element to Hex 33442D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#33442D }
```

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

```
.background{ background-color:#33442D }
```

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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