

Converting Colors

Hex(33412D)

Have a look what the booklet for
Hex(33412D) contains.

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Color

Hex(33412D)

Conversions

Conversions Part 1

Format	Color
Hex	33412D
RGB	51, 65, 45
RGB Percent	20%, 25%, 18%
CMY	0.8000, 0.7451, 0.8235
CMYK	0.22, 0.00, 0.31, 0.75
HSL	102°, 18%, 22%
HSV	102°, 31%, 25%
XYZ	3.7292, 4.6739, 3.1882
YIQ	58.5340, -1.9240, -9.1880

Conversions

Conversions Part 2

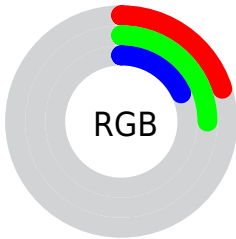
Format	Color
RYB	45, 65, 59
Decimal	3359021
CIELab	25.78, -10.21, 10.40
CIELCh	26, 14.570, 134.464
Yxy	4.6739, 0.3217, 0.4032
Android (android.graphics.Color)	4281549101 (0xFF33412D)
YUV	58.5340, -6.6723, -6.6073
Hunter-Lab	21.6191, -7.0431, 6.3898

Details

The Hex color **33412D** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3B2D41**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **62715B**, and **061700** is the 20% darker color. If you saturate the color by 10%, you get **2E4127**, and if you desaturate by 10%, it is **384134**.

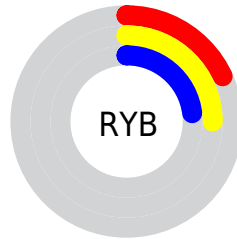
Distribution



Red (20%)

Green (25%)

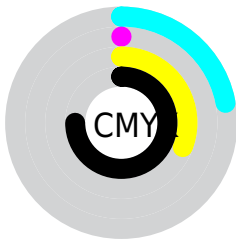
Blue (18%)



Red (18%)

Yellow (25%)

Blue (23%)

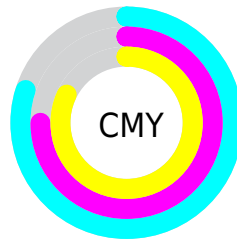


Cyan (22%)

Magenta (0%)

Yellow (31%)

Black (75%)



Cyan (80%)

Magenta (75%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 33412D 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 33412D by changing the saturation by 10% instead.

■ 33412D

■ 33412D

FFFFFF

■ 1E2B18

■ 62715B

■ 061700

■ 7B8A73

■ 000000

■ 95A58D

■ AFC0A7

■ CBDCC3

■ E7F8DE

■ FFFFFB

■ 33412D

■ 33412D

■ 2E4127

■ 384134

■ 2A4120

■ 3C413A

■ 25411A

■ 414141

■ 214113

■ 454147

■ 1C410D

■ 4A414E

■ 184106

■ 4E4154

■ 144100

■ 53415B

■ 574161

■ 5C4168

Harmonies

Analogous

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



3F3E28



33412D



264337

Triad

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



33412D



264052



533538

Complementary

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



33412D



3B2D41

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.



4F3543



33412D



373C52

Square

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



33412D



1B424C



45384D



51372E

Rectangle

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



33412D



1F433E



45384D



53353C

Sweetspot

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



33412D



4F544D



413B2D



282B27



ABABAB



2B2B2B

Same Dimension

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



33412D



3E5435



2D4131



1F211E



1D6100



43E000

Inverse Universe

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



3B2D41



4B3554



412D3D



201E21



440061



9D00E0

Previews

White Background



This preview shows how the Hex color 33412D looks on a white background.

Color Contrast Check

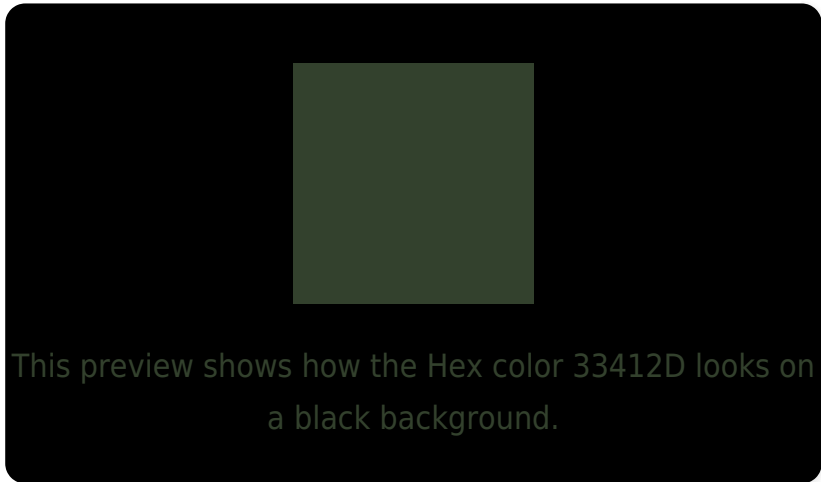
Large Text (above 18pt) WCAG AA ✓ Pass

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

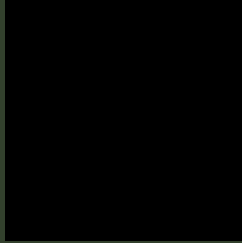
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

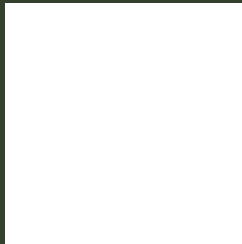
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 33412D Background



This preview shows how black text looks on a background with the Hex color 33412D.



This preview shows how white text looks on a background with the Hex color 33412D.

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](#).

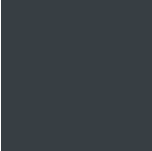
Dichromacy



Original Color
33412D

Protanopia
423D2B

Deuteranopia
483A2E



Tritanopia
373E43

Trichromacy



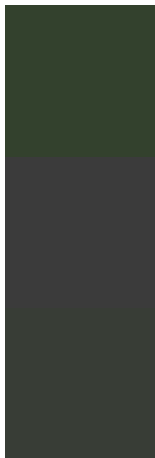
Original Color
33412D

Protanomaly
3D3E2C

Deuteranomaly
403D2E

Tritanomaly
363F3B

Monochromacy



Original Color
33412D

Achromatopsia
3B3B3B

Achromatomaly
383D36

CSS Examples

Text

The CSS property to change the color of the text to Hex 33412D 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 #33412D looks like.

```
.text, #text, p{  
    color:#33412D  
}
```

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 #33412D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #33412D
}
```

Border

The CSS property to change the border of an element to Hex 33412D is called "border". The border property can be set on classes, ids or directly on the HTML element.

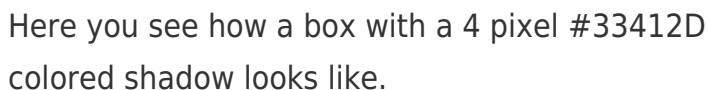
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#33412D }
```

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

```
.border{ border-color:#33412D }
```

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



Here you see how a box with a 4 pixel #33412D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #33412D; -webkit-box-shadow:4px 4px  
4px 4px #33412D; box-shadow:4px 4px 4px  
4px #33412D }
```

Background

The CSS property to change the background color of an element to Hex 33412D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#33412D }
```

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

```
.background{ background-color:#33412D }
```

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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