

Converting Colors

Hex(334825)

Have a look what the booklet for
Hex(334825) contains.

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Color

Hex(334825)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 334825 |
| RGB | 51, 72, 37 |
| RGB Percent | 20%, 28%, 15% |
| CMY | 0.8000, 0.7176, 0.8549 |
| CMYK | 0.29, 0.00, 0.49, 0.72 |
| HSL | 96°, 32%, 21% |
| HSV | 96°, 49%, 28% |
| XYZ | 4.0165, 5.4721, 2.5948 |
| YIQ | 61.7310, -1.2810, -15.3370 |

Conversions

Conversions Part 2

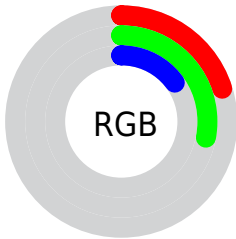
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 37, 72, 58 |
| Decimal | 3360805 |
| CIELab | 28.04, -15.67, 18.38 |
| CIELCh | 28, 24.149, 130.453 |
| Yxy | 5.4721, 0.3324, 0.4529 |
| Android (android.graphics.Color) | 4281550885 (0xFF334825) |
| YUV | 61.7310, -12.1924, -9.4111 |
| Hunter-Lab | 23.3925, -10.2882, 9.7981 |

Details

The Hex color **334825** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **3A2548**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **627952**, and **041D00** is the 20% darker color. If you saturate the color by 10%, you get **2F481E**, and if you desaturate by 10%, it is **37482C**.

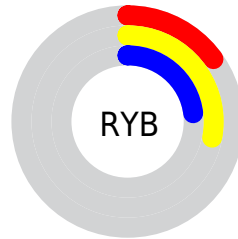
Distribution



Red (20%)

Green (28%)

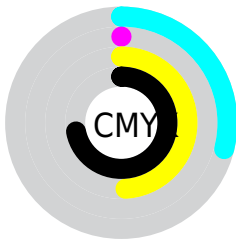
Blue (15%)



Red (15%)

Yellow (28%)

Blue (23%)

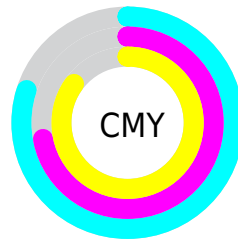


Cyan (29%)

Magenta (0%)

Yellow (49%)

Black (72%)



Cyan (80%)

Magenta (72%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 334825 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 334825 by changing the saturation by 10% instead.



334825



334825

FFFFFF



1D3110



627952



041D00



7C926B



000000



96AD84



B1C89E



CCE5B9



E8FFD5



FFFFFF2



334825



334825

■ 2F481E

■ 37482C

■ 2A4817

■ 3C4833

■ 26480F

■ 40483B

■ 224808

■ 444842

■ 1D4801

■ 494849

■ 1D4800

■ 4D4850

■ 514857

■ 56485F

■ 5A4866

Harmonies

Analogous

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



47431D



334825



194B35

Triad

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



334825



004765



65333C

Complementary

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



334825



3A2548

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.



5E354F



334825



304267

Square

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



334825



004B5A



4C3B5E



62362B

Rectangle

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



334825



004C42



4C3B5E



643343

Sweetspot

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



334825



565E50



483A25



2B3028



B0B0B0



303030

Same Dimension

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



334825



3E5E28



254828



222420



286300



5BE300

Inverse Universe

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



3A2548



48285E



482545



222024



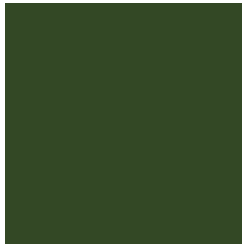
3C0063



8800E3

Previews

White Background



This preview shows how the Hex color 334825 looks on a white background.

Color Contrast Check

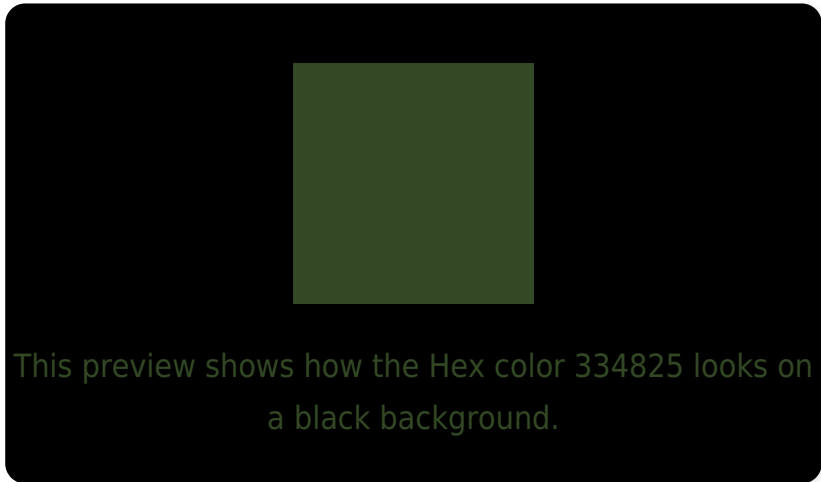
Large Text (above 18pt) WCAG AA ✓ Pass

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

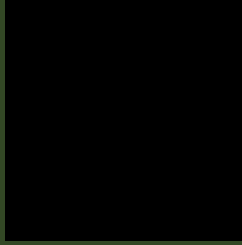
Any Text WCAG AA × Fail

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 334825 Background



This preview shows how black text looks on a background with the Hex color 334825.

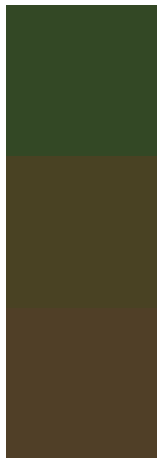


This preview shows how white text looks on a background with the Hex color 334825.

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
334825

Protanopia
494223

Deuteranopia
503F27



Tritanopia
394449

Trichromacy



Original Color
334825

Protanomaly
414424

Deuteranomaly
454226

Tritanomaly
37453C

Monochromacy



Original Color
334825

Achromatopsia
3E3E3E

Achromatomaly
3A4235

CSS Examples

Text

The CSS property to change the color of the text to Hex 334825 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 #334825 looks like.

```
.text, #text, p{  
    color:#334825  
}
```

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 #334825 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #334825  
}
```

Border

The CSS property to change the border of an element to Hex 334825 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".

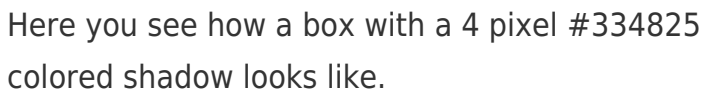
```
.border, #border, table{ border:4px solid  
#334825 }
```

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

```
.border{ border-color:#334825 }
```

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

Here you see how a box with a 4 pixel #334825 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #334825; -webkit-box-shadow:4px 4px  
4px 4px #334825; box-shadow:4px 4px 4px  
4px #334825 }
```

Background

The CSS property to change the background color of an element to Hex 334825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#334825 }
```

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

```
.background{ background-color:#334825 }
```

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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