

Converting Colors

Hex(335822)

Have a look what the booklet for
Hex(335822) contains.

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Color

Hex(335822)

Conversions

Conversions Part 1

Format	Color
Hex	335822
RGB	51, 88, 34
RGB Percent	20%, 35%, 13%
CMY	0.8000, 0.6549, 0.8667
CMYK	0.42, 0.00, 0.61, 0.65
HSL	101°, 44%, 24%
HSV	101°, 61%, 35%
XYZ	5.1437, 7.7987, 2.7476
YIQ	70.7810, -4.7180, -24.6380

Conversions

Conversions Part 2

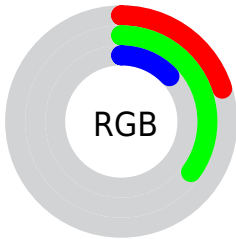
Format	Color
R_{YB}	34, 88, 71
Decimal	3364898
CIE _{Lab}	33.56, -24.50, 26.79
CIE _{LCh}	34, 36.298, 132.444
Yxy	7.7987, 0.3278, 0.4971
Android (android.graphics.Color)	4281554978 (0xFF335822)
YUV	70.7810, -18.1330, -17.3479
Hunter-Lab	27.9262, -15.9932, 13.7150

Details

The Hex color **335822** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **472258**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **648A50**, and **052A00** is the 20% darker color. If you saturate the color by 10%, you get **2D5819**, and if you desaturate by 10%, it is **39582B**.

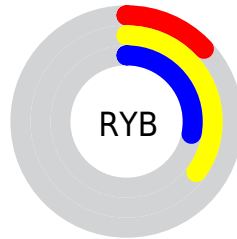
Distribution



Red (20%)

Green (35%)

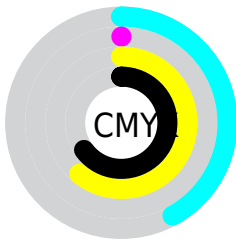
Blue (13%)



Red (13%)

Yellow (35%)

Blue (28%)

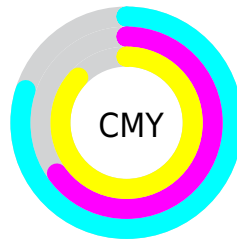


Cyan (42%)

Magenta (0%)

Yellow (61%)

Black (65%)



Cyan (80%)

Magenta (65%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 335822 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 335822 by changing the saturation by 10% instead.



335822



335822

FFFFFF



1B400B



648A50



052A00



7EA569



001500



98C083



000000



B4DC9D



D0F9B8



ECFFD4



FFFFFF0



335822



335822

■ 2D5819

■ 39582B

■ 275810

■ 3F5834

■ 215808

■ 45583C

■ 1C5800

■ 4B5845

■ 51584E

■ 575857

■ 5D5860

■ 635868

■ 695871

Harmonies

Analogous

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



535111



335822



005C3D

Triad

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



335822



005786



843544

Complementary

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



335822



472258

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.



7A3761



335822



2E4E87

Square

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



335822



005B75



60427A



7E3C29

Rectangle

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



335822



005D50



60427A



82344E

Sweetspot

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



335822



65735E



584722



323B2E



BABABA



3B3B3B

Same Dimension

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



335822



39731E



22582C



282B27



226B00



4AEB00

Inverse Universe

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



472258



581E73



58224E



2A272B



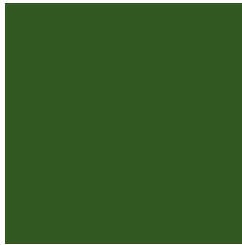
49006B



A100EB

Previews

White Background



This preview shows how the Hex color 335822 looks on a white background.

Color Contrast Check

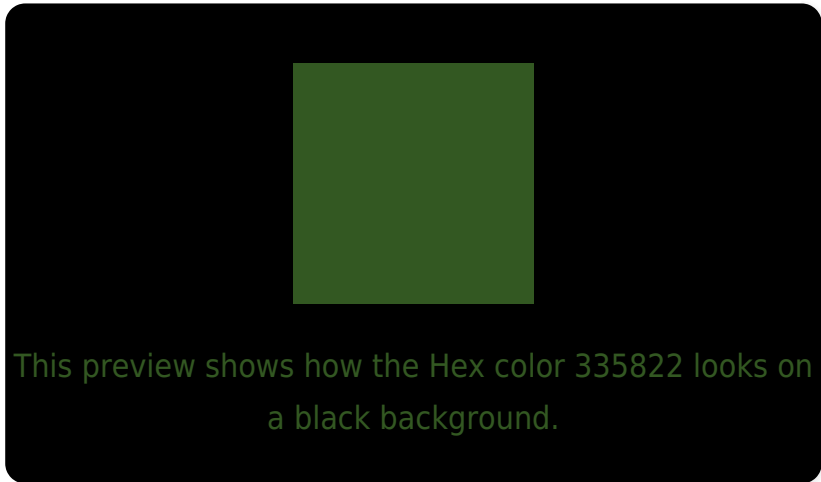
Large Text (above 18pt) WCAG AA ✓ Pass

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

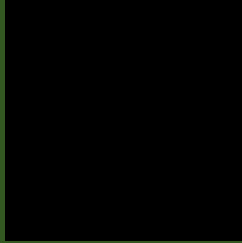
Any Text WCAG AA × Fail

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 335822 Background



This preview shows how black text looks on a background with the Hex color 335822.



This preview shows how white text looks on a background with the Hex color 335822.

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
335822

Protanopia
584F1F

Deuteranopia
614B26

Trichromacy



Original Color
335822

Protanomaly
4B5220

Deuteranomaly
505025

Tritanomaly
395445

Monochromacy



Original Color
335822

Achromatopsia
474747

Achromatomaly
404D3A

CSS Examples

Text

The CSS property to change the color of the text to Hex 335822 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 #335822 looks like.

```
.text, #text, p{  
    color:#335822  
}
```

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 #335822 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #335822
}
```

Border

The CSS property to change the border of an element to Hex 335822 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".

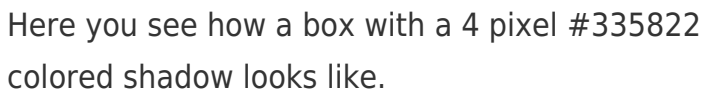
```
.border, #border, table{ border:4px solid
#335822 }
```

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

```
.border{ border-color:#335822 }
```

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

Here you see how a box with a 4 pixel #335822 colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #335822; -webkit-box-shadow:4px 4px  
4px 4px #335822; box-shadow:4px 4px 4px  
4px #335822 }
```

Background

The CSS property to change the background color of an element to Hex 335822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#335822 }
```

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

```
.background{ background-color:#335822 }
```

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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