

Converting Colors

Hex(334400)

Have a look what the booklet for
Hex(334400) contains.

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Color

Hex(334400)

Conversions

Conversions Part 1

Format	Color
Hex	334400
RGB	51, 68, 0
RGB Percent	20%, 27%, 0%
CMY	0.8000, 0.7333, 1.0000
CMYK	0.25, 0.00, 1.00, 0.73
HSL	75°, 100%, 13%
HSV	75°, 100%, 27%
XYZ	3.4324, 4.8381, 0.7529
YIQ	55.1650, 11.6960, -24.7520

Conversions

Conversions Part 2

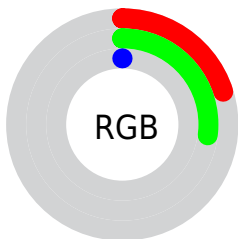
Format	Color
RYB	0, 68, 17
Decimal	3359744
CIELab	26.27, -16.92, 34.52
CIELCh	26, 38.446, 116.116
Yxy	4.8381, 0.3804, 0.5362
Android (android.graphics.Color)	4281549824 (0xFF334400)
YUV	55.1650, -27.1963, -3.6527
Hunter-Lab	21.9956, -10.6377, 13.3673

Details

The Hex color **334400** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **110044**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **647431**, and **001A00** is the 20% darker color. If you saturate the color by 10%, you get **334400**, and if you desaturate by 10%, it is **354407**.

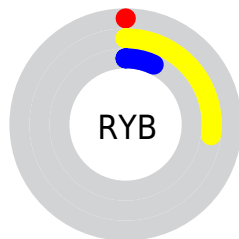
Distribution



Red (20%)

Green (27%)

Blue (0%)



Red (0%)

Yellow (27%)

Blue (7%)

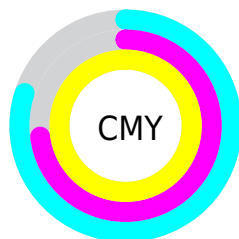


Cyan (25%)

Magenta (0%)

Yellow (100%)

Black (73%)



Cyan (80%)

Magenta (73%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 334400 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 334400 by changing the saturation by 10% instead.

 334400

 334400

 FFFFE9

 1C2E00

 647431

 001A00

 7E8E49

 000000

 99A862

 B4C37B

 D0DF95

 EDFCB1

 FFFFCC

 334400

■ 354407

■ 36440E

■ 384414

■ 3A441B

■ 3C4422

■ 3D4429

■ 3F4430

■ 414436

■ 42443D

Harmonies

Analogous

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



4F3C00



334400



00491B

Triad

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



334400



00496F



702043

Complementary

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



334400



110044

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.



5D2A5F



334400



004379

Square

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



334400



004B57



353873



712326

Rectangle

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



334400



004B2F



353873



6C224D

Sweetspot

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



334400



53593E



441100



2A2E1D



ADADAD



2E2E2E

Same Dimension

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



334400



435900



114400



20211E



496100



A8E000

Inverse Universe

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



110044



160059



330044



1F1E21



180061



3800E0

Previews

White Background



This preview shows how the Hex color 334400 looks on a white background.

Color Contrast Check

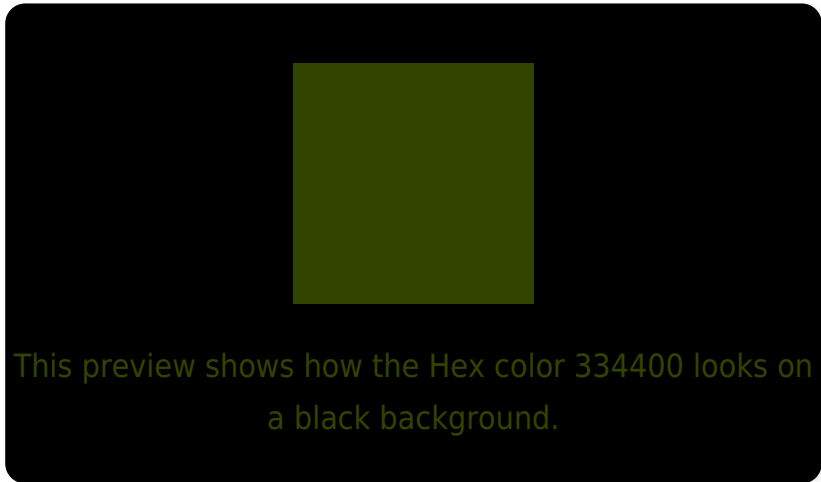
Large Text (above 18pt) WCAG AA ✓ Pass

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

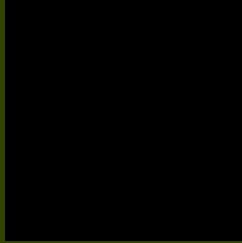
Any Text WCAG AA × Fail

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 334400 Background



This preview shows how black text looks on a background with the Hex color 334400.



This preview shows how white text looks on a background with the Hex color 334400.

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
334400

Deuteranopia
4E3B0D

Tritanopia
393F44

Trichromacy



Original Color
334400

Deuteranomaly
443E08

Tritanomaly
37412B

Monochromacy



Original Color
334400

Achromatopsia
373737

Achromatomaly
363C23

CSS Examples

Text

The CSS property to change the color of the text to Hex 334400 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 #334400 looks like.

```
.text, #text, p{  
    color:#334400  
}
```

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 #334400 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #334400
}
```

Border

The CSS property to change the border of an element to Hex 334400 is called "border". The border property can be set on classes, ids or directly on the HTML element.

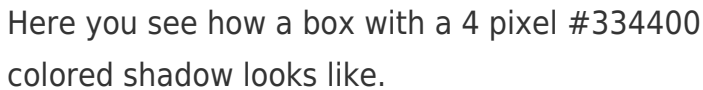
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#334400 }
```

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

```
.border{ border-color:#334400 }
```

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



Here you see how a box with a 4 pixel #334400 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #334400; -webkit-box-shadow:4px 4px  
4px 4px #334400; box-shadow:4px 4px 4px  
4px #334400 }
```

Background

The CSS property to change the background color of an element to Hex 334400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#334400 }
```

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

```
.background{ background-color:#334400 }
```

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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