

Converting Colors

Hex(334A2B)

Have a look what the booklet for
Hex(334A2B) contains.

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Color

Hex(334A2B)

Conversions

Conversions Part 1

Format	Color
Hex	334A2B
RGB	51, 74, 43
RGB Percent	20%, 29%, 17%
CMY	0.8000, 0.7098, 0.8314
CMYK	0.31, 0.00, 0.42, 0.71
HSL	105°, 26%, 23%
HSV	105°, 42%, 29%
XYZ	4.2501, 5.7758, 3.1763
YIQ	63.5890, -3.7570, -14.5170

Conversions

Conversions Part 2

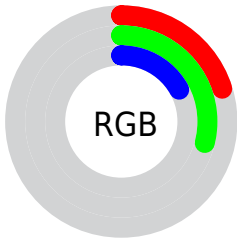
Format	Color
RYB	43, 74, 66
Decimal	3361323
CIELab	28.84, -15.81, 15.74
CIELCh	29, 22.307, 135.115
Yxy	5.7758, 0.3219, 0.4375
Android (android.graphics.Color)	4281551403 (0xFF334A2B)
YUV	63.5890, -10.1504, -11.0406
Hunter-Lab	24.0329, -10.4909, 8.9869

Details

The Hex color **334A2B** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **422B4A**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **627B59**, and **081E00** is the 20% darker color. If you saturate the color by 10%, you get **2E4A24**, and if you desaturate by 10%, it is **384A32**.

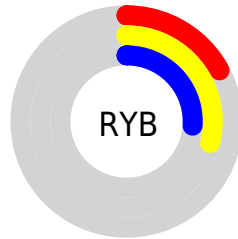
Distribution



Red (20%)

Green (29%)

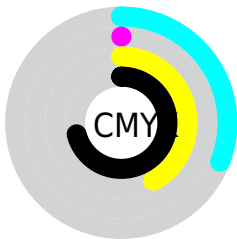
Blue (17%)



Red (17%)

Yellow (29%)

Blue (26%)

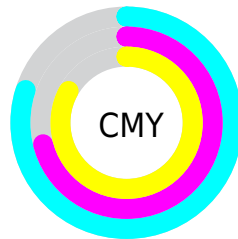


Cyan (31%)

Magenta (0%)

Yellow (42%)

Black (71%)



Cyan (80%)

Magenta (71%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 334A2B 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 334A2B by changing the saturation by 10% instead.

 334A2B

 334A2B

FFFFFF

 1D3316

 627B59

 081E00

 7C9571

 000000

 96AF8B

 B0CBA5

 CCE7C1

 E8FFDD

 FFFFF9

 334A2B

 334A2B

■ 2E4A24

■ 384A32

■ 284A1C

■ 3E4A3A

■ 234A15

■ 434A41

■ 1D4A0D

■ 494A49

■ 184A06

■ 4E4A50

■ 134A00

■ 544A57

■ 594A5F

■ 5F4A66

■ 644A6E

Harmonies

Analogous

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



464622



334A2B



1B4C3B

Triad

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



334A2B



164865



65363C

Complementary

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



334A2B



422B4A

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.



60374D



334A2B



384365

Square

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



334A2B



004C5C



513C5C



613A2C

Rectangle

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



334A2B



024D46



513C5C



653642

Sweetspot

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



334A2B



586154



4A422B



2B3029



B0B0B0



303030

Same Dimension

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



334A2B



3D6130



2B4A32



232622



1A6600



3BE600

Inverse Universe

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



422B4A



543061



4A2B43



252226



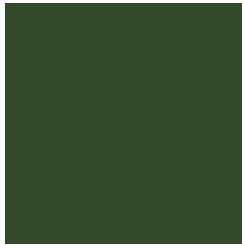
4C0066



AA00E6

Previews

White Background



This preview shows how the Hex color 334A2B looks on a white background.

Color Contrast Check

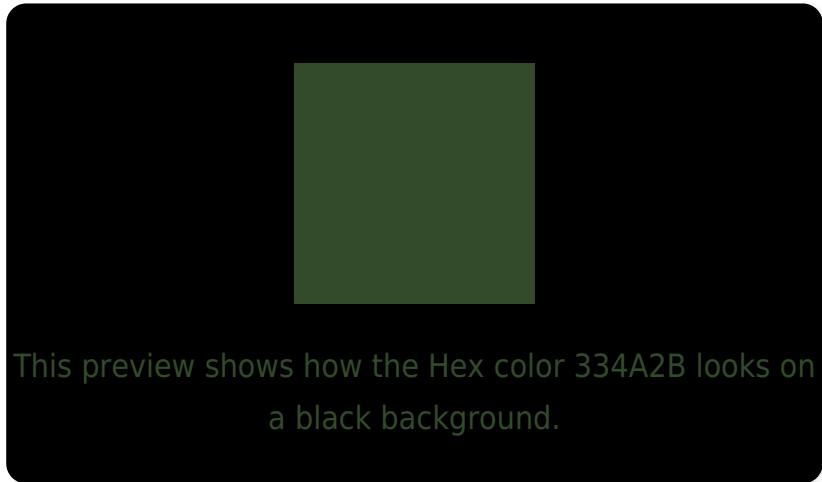
Large Text (above 18pt) WCAG AA ✓ Pass

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

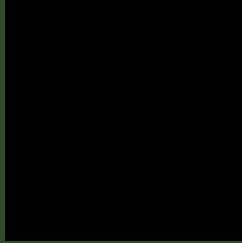
Any Text WCAG AA × Fail

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 334A2B Background



This preview shows how black text looks on a background with the Hex color 334A2B.



This preview shows how white text looks on a background with the Hex color 334A2B.

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](#).

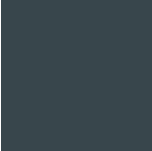
Dichromacy



Original Color
334A2B

Protanopia
4A4429

Deuteranopia
51412D



Tritanopia
38464C

Trichromacy



Original Color

334A2B

Protanomaly

42462A

Deuteranomaly

46442C

Tritanomaly

364740

Monochromacy



Original Color

334A2B

Achromatopsia

404040

Achromatomaly

3B4438

CSS Examples

Text

The CSS property to change the color of the text to Hex 334A2B 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 #334A2B looks like.

```
.text, #text, p{  
  color:#334A2B  
}
```

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 #334A2B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #334A2B
}
```

Border

The CSS property to change the border of an element to Hex 334A2B 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
#334A2B }
```

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

```
.border{ border-color:#334A2B }
```

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

Here you see how a box with a 4 pixel #334A2B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #334A2B; -webkit-box-shadow:4px 4px  
4px 4px #334A2B; box-shadow:4px 4px 4px  
4px #334A2B }
```

Background

The CSS property to change the background color of an element to Hex 334A2B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#334A2B }
```

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

```
.background{ background-color:#334A2B }
```

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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