

# Converting Colors

Hex(334321)

Have a look what the booklet for  
Hex(334321) contains.

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# Color

**Hex(334321)**

# Conversions

## Conversions Part 1

Format	Color
Hex	334321
RGB	51, 67, 33
RGB Percent	20%, 26%, 13%
CMY	0.8000, 0.7373, 0.8706
CMYK	0.24, 0.00, 0.51, 0.74
HSL	88°, 34%, 20%
HSV	88°, 51%, 26%
XYZ	3.6469, 4.8279, 2.1785
YIQ	58.3400, 1.3780, -13.9660

# Conversions

## Conversions Part 2

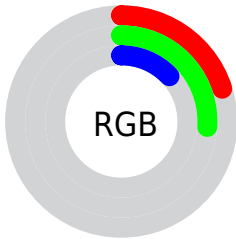
Format	Color
<a href="#">RYB</a>	<a href="#">33, 67, 49</a>
Decimal	<a href="#">3359521</a>
CIELab	<a href="#">26.24, -13.42, 18.53</a>
CIELCh	<a href="#">26, 22.880, 125.917</a>
Yxy	<a href="#">4.8279, 0.3423, 0.4532</a>
Android (android.graphics.Color)	<a href="#">4281549601 (0xFF334321)</a>
YUV	<a href="#">58.3400, -12.4926, -6.4372</a>
Hunter-Lab	<a href="#">21.9725, -8.8253, 9.5023</a>

# Details

The Hex color **334321** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **312143**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **62734E**, and **001900** is the 20% darker color. If you saturate the color by 10%, you get **30431A**, and if you desaturate by 10%, it is **364328**.

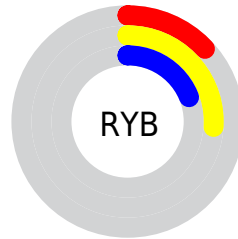
# Distribution



Red (20%)

Green (26%)

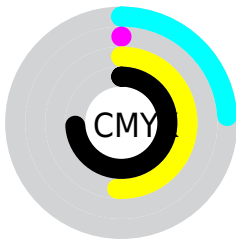
Blue (13%)



Red (13%)

Yellow (26%)

Blue (19%)

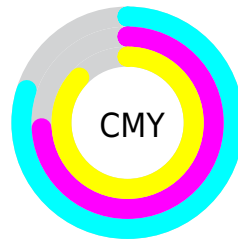


Cyan (24%)

Magenta (0%)

Yellow (51%)

Black (74%)



Cyan (80%)

Magenta (74%)

Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 334321 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 334321 by changing the saturation by 10% instead.





334321



334321

FFFFFF



1D2D0B



62734E



001900



7B8D66



000000



95A77F



B0C299



CCDEB4



E8FBD0



FFFEC



334321



334321

■ 30431A

■ 364328

■ 2D4314

■ 39432E

■ 2A430D

■ 3C4335

■ 264306

■ 40433C

■ 234300

■ 434343

■ 464349

■ 494350

■ 4C4357

■ 4F435D

# Harmonies

## Analogous

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



453E1B



334321



1C462F

# Triad

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



334321



00445E



5F303B

# Complementary

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



334321



312143

# 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.



56324D



334321



283F61

# Square

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



334321



004652



44385A



5D322B

# Rectangle

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



334321



03473B



44385A



5D3041



# Sweetspot

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



334321



51574A



433121



282B24



ABABAB



2B2B2B



# Same Dimension

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



334321



3E5722



224321



20211E



336100



77E000



# Inverse Universe

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



312143



3B2257



422143



1F1E21



2E0061

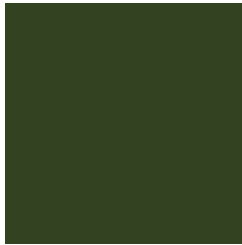


6A00E0



# Previews

## White Background



This preview shows how the Hex color 334321 looks on a white background.

## Color Contrast Check

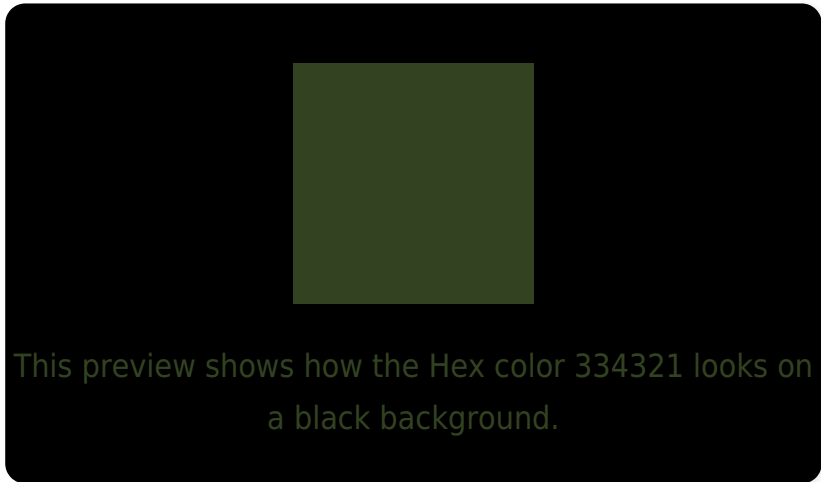
Large Text (above 18pt) WCAG AA ✓ Pass

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

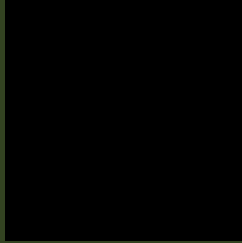
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

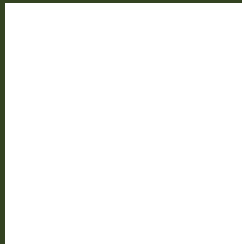
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 334321 Background



This preview shows how black text looks on a background with the Hex color 334321.



This preview shows how white text looks on a background with the Hex color 334321.

# 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**  
334321

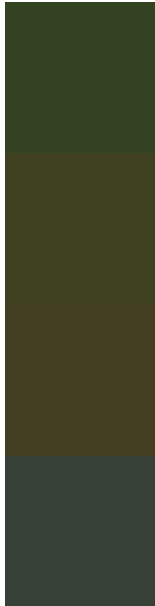
**Protanopia**  
443E1F

**Deuteranopia**  
4C3B23



**Tritanopia**  
383F44

# Trichromacy



**Original Color**  
334321

**Protanomaly**  
3E4020

**Deuteranomaly**  
433E22

**Tritanomaly**  
364037

# Monochromacy



**Original Color**  
334321

**Achromatopsia**  
3A3A3A

**Achromatomaly**  
373D31

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 334321 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 #334321 looks like.

```
.text, #text, p{  
    color:#334321  
}
```

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 #334321 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #334321
}
```

## Border

The CSS property to change the border of an element to Hex 334321 is called "border". The border property can be set on classes, ids or directly on the HTML element.

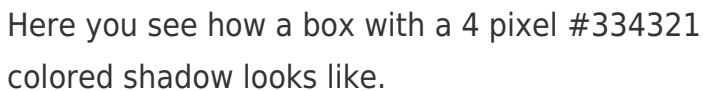
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#334321 }
```

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

```
.border{ border-color:#334321 }
```

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



Here you see how a box with a 4 pixel #334321 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #334321; -webkit-box-shadow:4px 4px  
4px 4px #334321; box-shadow:4px 4px 4px  
4px #334321 }
```

# Background

The CSS property to change the background color of an element to Hex 334321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#334321 }
```

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

```
.background{ background-color:#334321 }
```

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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