

Converting Colors

Hex(333214)

Have a look what the booklet for
Hex(333214) contains.

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Color

Hex(333214)

Conversions

Conversions Part 1

Format	Color
Hex	333214
RGB	51, 50, 20
RGB Percent	20%, 20%, 8%
CMY	0.8000, 0.8039, 0.9216
CMYK	0.00, 0.02, 0.61, 0.80
HSL	58°, 44%, 14%
HSV	58°, 61%, 20%
XYZ	2.6321, 3.0355, 1.1090
YIQ	46.8790, 10.2260, -9.1180

Conversions

Conversions Part 2

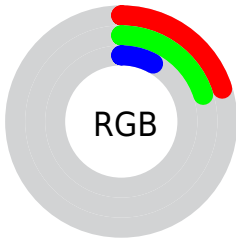
Format	Color
R_{YB}	21, 51, 20
Decimal	3355156
CIE Lab	20.19, -4.70, 19.04
CIE LCh	20, 19.607, 103.870
Yxy	3.0355, 0.3884, 0.4479
Android (android.graphics.Color)	4281545236 (0xFF333214)
YUV	46.8790, -13.2513, 3.6141
Hunter-Lab	17.4227, -3.5232, 8.4219

Details

The Hex color **333214** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **141533**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **62603F**, and **000100** is the 20% darker color. If you saturate the color by 10%, you get **33320F**, and if you desaturate by 10%, it is **333219**.

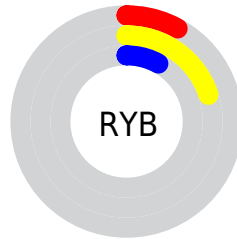
Distribution



Red (20%)

Green (20%)

Blue (8%)



Red (8%)

Yellow (20%)

Blue (8%)

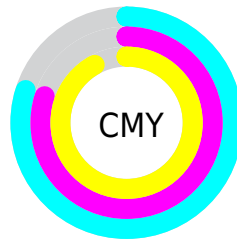


Cyan (0%)

Magenta (2%)

Yellow (61%)

Black (80%)



Cyan (80%)

Magenta (80%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 333214 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 333214 by changing the saturation by 10% instead.

 333214

 333214

 FFFFF7

 1F1D00

 62603F

 000100

 7C7957

 000000

 96926F

 B1AD89

 CCC8A3

 E9E4BF

 FFFFDA

 333214

 333214

■ 33320F

■ 333219

■ 33320A

■ 33321E

■ 333205

■ 333223

■ 333100

■ 333328

■ 33332E

■ 333333

■ 333338

■ 33333D

■ 333342

Harmonies

Analogous

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



402D15



333214



23361B

Triad

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



333214



003744



472639

Complementary

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



333214



141533

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.



3B2A45



333214



03344C

Square

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



333214



003837



25304C



4C252B

Rectangle

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



333214



163724



25304C



44273E

Sweetspot

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



333214



424236



331415



21211A



A1A1A1



212121

Same Dimension

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



333214



424112



253314



1A1917



595600



D9D200

Inverse Universe

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



141533



121342



221433



17171A



000359



0007D9

Previews

White Background



This preview shows how the Hex color 333214 looks on a white background.

Color Contrast Check

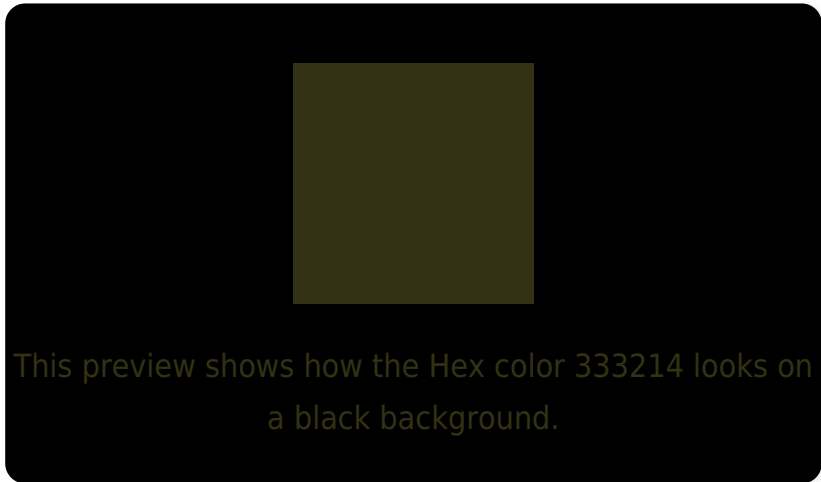
Large Text (above 18pt) WCAG AA ✓ Pass

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

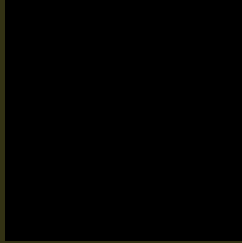
Any Text WCAG AA × Fail

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 333214 Background



This preview shows how black text looks on a background with the Hex color 333214.

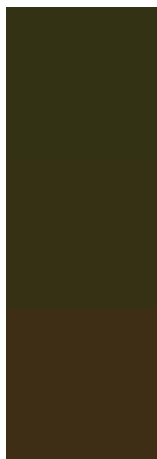


This preview shows how white text looks on a background with the Hex color 333214.

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

333214

Protanopia

363114

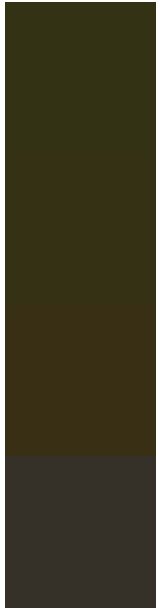
Deuteranopia

3D2E15



Tritanopia
362F33

Trichromacy



Original Color
333214

Protanomaly
353114

Deuteranomaly
392F15

Tritanomaly
353028

Monochromacy



Original Color
333214

Achromatopsia
2F2F2F

Achromatomaly
303025

CSS Examples

Text

The CSS property to change the color of the text to Hex 333214 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 #333214 looks like.

```
.text, #text, p{  
    color:#333214  
}
```

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 #333214 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #333214
}
```

Border

The CSS property to change the border of an element to Hex 333214 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
#333214 }
```

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

```
.border{ border-color:#333214 }
```

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

Here you see how a box with a 4 pixel #333214 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #333214; -webkit-box-shadow:4px 4px  
4px 4px #333214; box-shadow:4px 4px 4px  
4px #333214 }
```

Background

The CSS property to change the background color of an element to Hex 333214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#333214 }
```

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

```
.background{ background-color:#333214 }
```

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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