

# Converting Colors

Hex(333223)

Have a look what the booklet for  
Hex(333223) contains.

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# Color

Hex(333223)

# Conversions

## Conversions Part 1

Format	Color
Hex	333223
RGB	51, 50, 35
RGB Percent	20%, 20%, 14%
CMY	0.8000, 0.8039, 0.8627
CMYK	0.00, 0.02, 0.31, 0.80
HSL	56°, 19%, 17%
HSV	56°, 31%, 20%
XYZ	2.8092, 3.1064, 2.0416
YIQ	48.5890, 5.4110, -4.4530

# Conversions

## Conversions Part 2

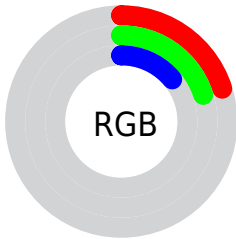
Format	Color
<b>RYB</b>	36, 51, 35
Decimal	3355171
CIELab	20.46, -2.58, 9.74
CIELCh	20, 10.074, 104.868
Yxy	3.1064, 0.3530, 0.3904
Android (android.graphics.Color)	4281545251 (0xFF333223)
YUV	48.5890, -6.6994, 2.1144
Hunter-Lab	17.6249, -2.3925, 5.4694

# Details

The Hex color **333223** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **232433**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **62604F**, and **000300** is the 20% darker color. If you saturate the color by 10%, you get **33321E**, and if you desaturate by 10%, it is **333228**.

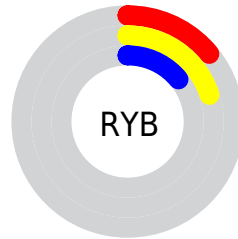
# Distribution



Red (20%)

Green (20%)

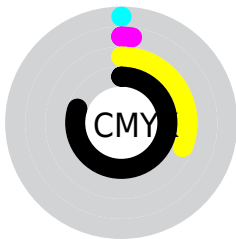
Blue (14%)



Red (14%)

Yellow (20%)

Blue (14%)

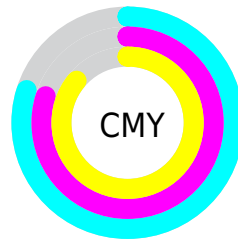


Cyan (0%)

Magenta (2%)

Yellow (31%)

Black (80%)



Cyan (80%)

Magenta (80%)

Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 333223 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 333223 by changing the saturation by 10% instead.



■ 333223

■ 333223

FFFFFF

■ 1E1D0E

■ 62604F

■ 000300

■ 7B7968

■ 000000

■ 949381

■ AFAD9B

■ CBC8B5

■ E7E5D1

■ FFFFED

■ 333223

■ 333223

■ 33321E

■ 333228

■ 333119

■ 33332D

■ 333114

■ 333332

■ 33310F

■ 333337

■ 33300A

■ 33343D

■ 333004

■ 333442

■ 333000

■ 333447

■ 33354C

■ 333551

# Harmonies

## Analogous

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



3A3023



333223



2B3427

# Triad

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



333223



1D353B



3E2C35

# Complementary

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



333223



232433

# 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.



372E3C



333223



24333F

# Square

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



333223



1D3535



2D313F



402C2E

# Rectangle

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



333223



25352B



2D313F



3C2D38



# Sweetspot

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



333223



42423C



332324



21211E



A1A1A1



212121



# Same Dimension

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



333223



424129



2C3323



1A1917



595400



D9CB00



# Inverse Universe

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



232433



292B42



2A2333



17171A



000659

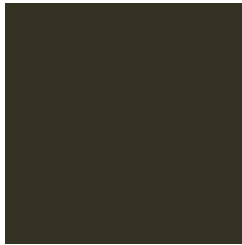


000ED9



# Previews

## White Background



This preview shows how the Hex color 333223 looks on a white background.

## Color Contrast Check

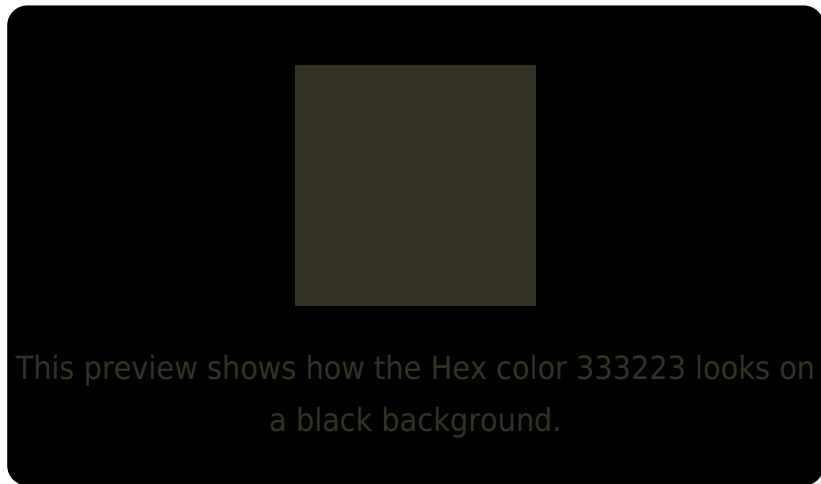
Large Text (above 18pt) WCAG AA ✓ Pass

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

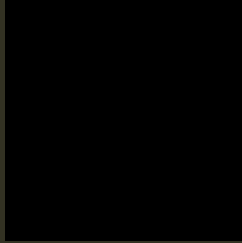
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 333223 Background



This preview shows how black text looks on a background with the Hex color 333223.

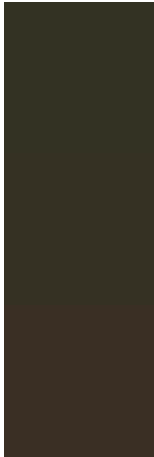


This preview shows how white text looks on a background with the Hex color 333223.

# 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**  
333223

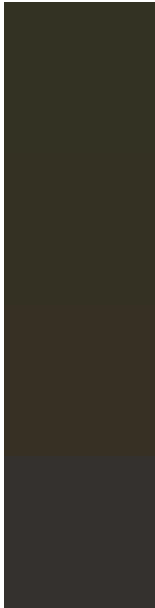
**Protanopia**  
353123

**Deuteranopia**  
3A2F24



**Tritanopia**  
353034

# Trichromacy



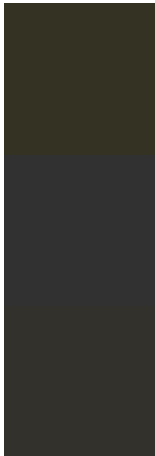
**Original Color**  
333223

**Protanomaly**  
343123

**Deuteranomaly**  
373024

**Tritanomaly**  
34312E

# Monochromacy



**Original Color**  
333223

**Achromatopsia**  
313131

**Achromatomaly**  
32312C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 333223 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 #333223 looks like.

```
.text, #text, p{  
    color:#333223  
}
```

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 #333223 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #333223
}
```

## Border

The CSS property to change the border of an element to Hex 333223 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
#333223 }
```

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

```
.border{ border-color:#333223 }
```

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

Here you see how a box with a 4 pixel #333223 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #333223; -webkit-box-shadow:4px 4px  
4px 4px #333223; box-shadow:4px 4px 4px  
4px #333223 }
```

# Background

The CSS property to change the background color of an element to Hex 333223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#333223 }
```

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

```
.background{ background-color:#333223 }
```

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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