

Converting Colors

Hex(333232)

Have a look what the booklet for
Hex(333232) contains.

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Color

Hex(333232)

Conversions

Conversions Part 1

Format	Color
Hex	333232
RGB	51, 50, 50
RGB Percent	20%, 20%, 20%
CMY	0.8000, 0.8039, 0.8039
CMYK	0.00, 0.02, 0.02, 0.80
HSL	0°, 1%, 20%
HSV	0°, 2%, 20%
XYZ	3.0816, 3.2153, 3.4758
YIQ	50.2990, 0.5960, 0.2120

Conversions

Conversions Part 2

Format	Color
R_{YB}	51, 50, 50
Decimal	3355186
CIE Lab	20.89, 0.44, 0.15
CIE LCh	21, 0.467, 19.049
Yxy	3.2153, 0.3153, 0.3290
Android (android.graphics.Color)	4281545266 (0xFF333232)
YUV	50.2990, -0.1474, 0.6148
Hunter-Lab	17.9313, -0.7037, 1.0591

Details

The Hex color **333232** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **323333**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **616060**, and **050303** is the 20% darker color. If you saturate the color by 10%, you get **332D2D**, and if you desaturate by 10%, it is **333737**.

Distribution



Red (20%)

Green (20%)

Blue (20%)



Red (20%)

Yellow (20%)

Blue (20%)



Cyan (0%)

Magenta (2%)

Yellow (2%)

Black (80%)



Cyan (80%)

Magenta (80%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 333232 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 333232 by changing the saturation by 10% instead.



333232



333232

FFFFFF



1E1D1D



616060



050303



7A7979



000000



949393



AEADAD



CAC9C9



E6E5E5



333232



333232



332D2D



333737

■ 332828

■ 333C3C

■ 332323

■ 334141

■ 331E1E

■ 334646

■ 331818

■ 334C4C

■ 331313

■ 335151

■ 330E0E

■ 335656

■ 330909

■ 335B5B

■ 330404

■ 336060

Harmonies

Triad

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



333232



323232



323233

Complementary

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



333232



323333

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.



313233



333232



323232

Square

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



333232



323232



313232



323233

Rectangle

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



333232



313232



323233

Sweetspot

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



333232



424242



333233



212121



A1A1A1

Same Dimension

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



333232



424141



333332



1A1919



590000



D90000

Inverse Universe

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



323333



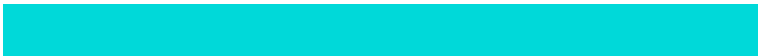
414242



191A1A



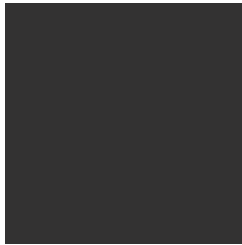
005959



00D9D9

Previews

White Background



This preview shows how the Hex color 333232 looks on a white background.

Color Contrast Check

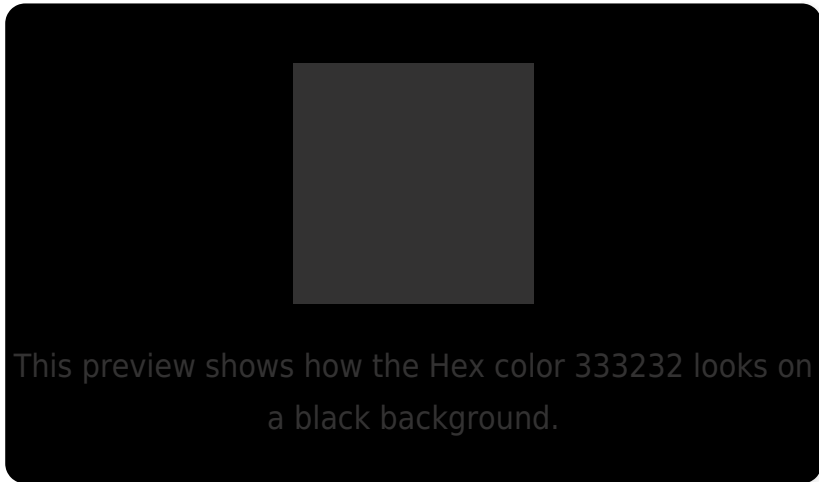
Large Text (above 18pt) WCAG AA ✓ Pass

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

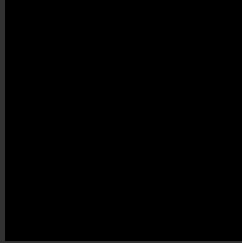
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

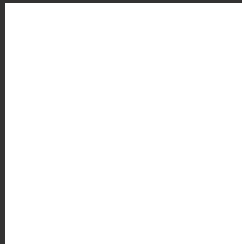
Any Text WCAG AAA × Fail

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

Hex 333232 Background



This preview shows how black text looks on a background with the Hex color 333232.



This preview shows how white text looks on a background with the Hex color 333232.

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
333232

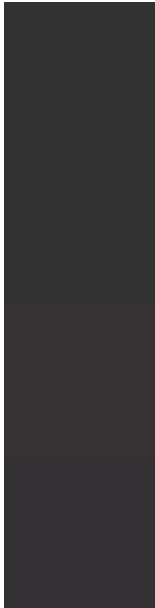
Protanopia
333232

Deuteranopia
373132



Tritanopia
343135

Trichromacy



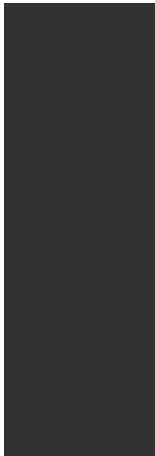
Original Color
333232

Protanomaly
333232

Deuteranomaly
363132

Tritanomaly
343134

Monochromacy



Original Color
333232

Achromatopsia
323232

Achromatomaly
323232

CSS Examples

Text

The CSS property to change the color of the text to Hex 333232 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 #333232 looks like.

```
.text, #text, p{  
    color:#333232  
}
```

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 #333232 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #333232
}
```

Border

The CSS property to change the border of an element to Hex 333232 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
#333232 }
```

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

```
.border{ border-color:#333232 }
```

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

Here you see how a box with a 4 pixel #333232 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #333232; -webkit-box-shadow:4px 4px  
4px 4px #333232; box-shadow:4px 4px 4px  
4px #333232 }
```

Background

The CSS property to change the background color of an element to Hex 333232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#333232 }
```

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

```
.background{ background-color:#333232 }
```

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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