

# Converting Colors

Hex(332D34)

Have a look what the booklet for  
Hex(332D34) contains.

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# Color

Hex(332D34)

# Conversions

## Conversions Part 1

Format	Color
Hex	332D34
RGB	51, 45, 52
RGB Percent	20%, 18%, 20%
CMY	0.8000, 0.8235, 0.7961
CMYK	0.02, 0.13, 0.00, 0.80
HSL	291°, 7%, 19%
HSV	291°, 13%, 20%
XYZ	2.9235, 2.8285, 3.6407
YIQ	47.5920, 1.3290, 3.4490

# Conversions

## Conversions Part 2

Format	Color
<b>RYB</b>	51, 45, 52
Decimal	3353908
CIELab	19.34, 4.32, -3.50
CIELCh	19, 5.554, 321.000
Yxy	2.8285, 0.3112, 0.3011
Android (android.graphics.Color)	4281543988 (0xFF332D34)
YUV	47.5920, 2.1731, 2.9888
Hunter-Lab	16.8182, 1.5964, -1.0620

# Details

The Hex color **332D34** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2E342D**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **615B62**, and **010006** is the 20% darker color. If you saturate the color by 10%, you get **322834**, and if you desaturate by 10%, it is **343234**.

# Distribution



Red (20%)

Green (18%)

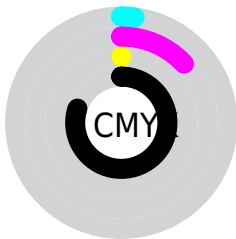
Blue (20%)



Red (20%)

Yellow (18%)

Blue (20%)



Cyan (2%)

Magenta (13%)

Yellow (0%)

Black (80%)



Cyan (80%)

Magenta (82%)

Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 332D34 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 332D34 by changing the saturation by 10% instead.



■ 332D34

■ 332D34

FFFFFF

■ 1E181F

■ 615B62

■ 010006

■ 7A737B

■ 000000

■ 948D95

■ AFA7B0

■ CAC2CB

■ E6DEE7

■ FFFBFF

■ 332D34

■ 332D34

■ 322834

■ 343234

■ 322334

■ 343734

■ 311D34

■ 353D34

■ 301834

■ 364234

■ 2F1334

■ 374734

■ 2F0E34

■ 374C34

■ 2E0934

■ 385134

■ 2D0334

■ 395734

■ 2D0034

■ 3A5C34

# Harmonies

## Analogous

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



2E2E36



332D34



362C30

# Triad

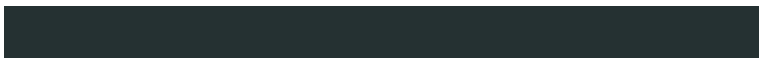
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



332D34



332E27



253132

# Complementary

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



332D34



2E342D

# 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.



27312D



332D34



2F3027

# Square

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



332D34



362D29



2A312A



253135

# Rectangle

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



332D34



372C2E



2A312A



253130



# Sweetspot

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



332D34



444245



2D2E34



232224



A3A3A3



242424



# Same Dimension

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



332D34



433A45



342D32



19171A



4D0059



BA00D9



# Inverse Universe

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



342D2E



453A3B



2D342F



1A1717



59000D



D9001F



# Previews

## White Background



This preview shows how the Hex color 332D34 looks on a white background.

## Color Contrast Check

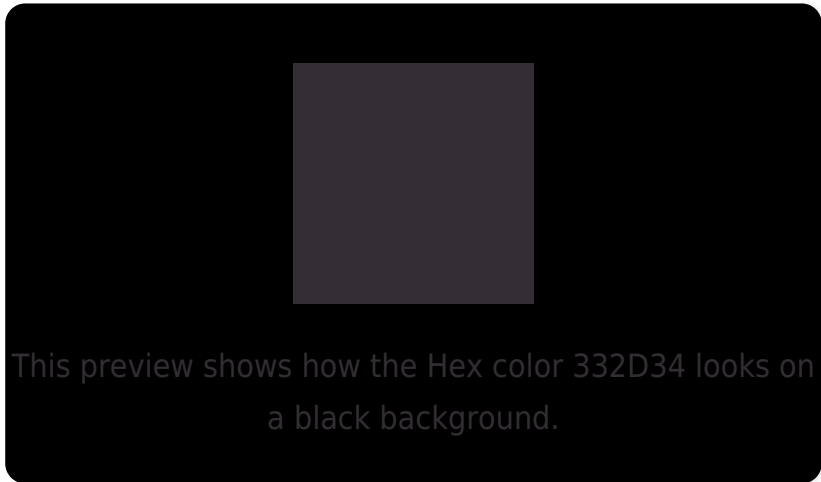
Large Text (above 18pt) WCAG AA ✓ Pass

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

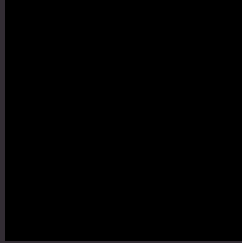
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 332D34 Background



This preview shows how black text looks on a background with the Hex color 332D34.

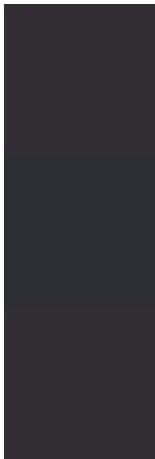


This preview shows how white text looks on a background with the Hex color 332D34.

# 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**  
332D34

**Protanopia**  
2E2F35

**Deuteranopia**  
312E34



**Tritanopia**  
332D31

# Trichromacy



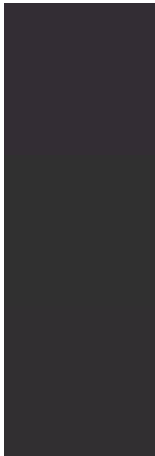
**Original Color**  
332D34

**Protanomaly**  
302E35

**Deuteranomaly**  
322E34

**Tritanomaly**  
332D32

# Monochromacy



**Original Color**  
332D34

**Achromatopsia**  
303030

**Achromatomaly**  
312F31

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 332D34 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 #332D34 looks like.

```
.text, #text, p{  
    color:#332D34  
}
```

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 #332D34 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #332D34
}
```

## Border

The CSS property to change the border of an element to Hex 332D34 is called "border". The border property can be set on classes, ids or directly on the HTML element.

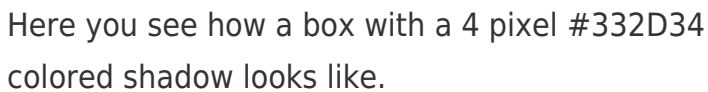
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#332D34 }
```

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

```
.border{ border-color:#332D34 }
```

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



Here you see how a box with a 4 pixel #332D34 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #332D34; -webkit-box-shadow:4px 4px  
4px 4px #332D34; box-shadow:4px 4px 4px  
4px #332D34 }
```

# Background

The CSS property to change the background color of an element to Hex 332D34 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#332D34 }
```

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

```
.background{ background-color:#332D34 }
```

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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