

# Converting Colors

Hex(34202D)

Have a look what the booklet for  
Hex(34202D) contains.

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# Color

**Hex(34202D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	34202D
RGB	52, 32, 45
RGB Percent	20%, 13%, 18%
CMY	0.7961, 0.8745, 0.8235
CMYK	0.00, 0.38, 0.13, 0.80
HSL	321°, 24%, 16%
HSV	321°, 38%, 20%
XYZ	2.4063, 1.9525, 2.7327
YIQ	39.4620, 7.7470, 8.2830

# Conversions

## Conversions Part 2

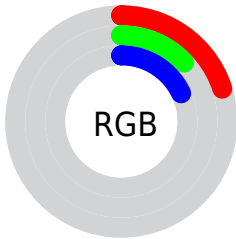
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	52, 32, 45
Decimal	3416109
CIE Lab	15.24, 12.18, -4.70
CIE LCh	15, 13.054, 338.894
Yxy	1.9525, 0.3393, 0.2753
Android (android.graphics.Color)	4281606189 (0xFF34202D)
YUV	39.4620, 2.7302, 10.9958
Hunter-Lab	13.9734, 6.2859, -1.8136

# Details

The Hex color **34202D** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **203427**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **634C5B**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **341B2B**, and if you desaturate by 10%, it is **34252F**.

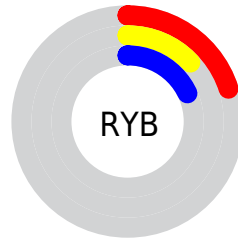
# Distribution



Red (20%)

Green (13%)

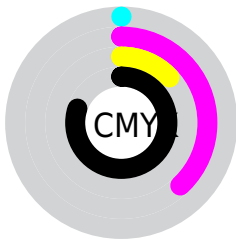
Blue (18%)



Red (20%)

Yellow (13%)

Blue (18%)

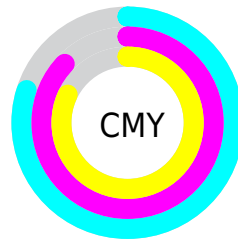


Cyan (0%)

Magenta (38%)

Yellow (13%)

Black (80%)



Cyan (80%)

Magenta (87%)

Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 34202D 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 34202D by changing the saturation by 10% instead.





34202D



34202D

FFFFFF



1F0A19



634C5B



000000



7C6473



967D8D



B197A7



CCB2C2



E9CEDE



FFEAFB



34202D



34202D

■ 341B2B

■ 34252F

■ 341629

■ 342A31

■ 341028

■ 343032

■ 340B26

■ 343534

■ 340624

■ 343A36

■ 340122

■ 343F38

■ 340022

■ 34443A

■ 344A3C

■ 344F3D

# Harmonies

## Analogous

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



2B2335



34202D



381F24

# Triad

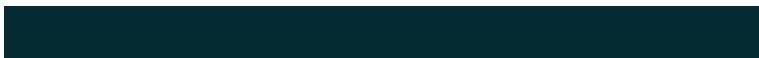
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



34202D



2A2614



042B31

# Complementary

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



34202D



203427

# 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.



092B29



34202D



202918

# Square

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



34202D



322315



142B1F



0E2937

# Rectangle

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



34202D



38201E



142B1F



042B2F



# Sweetspot

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



34202D



453D42



272034



241F22



A3A3A3



242424



# Same Dimension

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



34202D



45253A



342023



1A1719



59003A



D9008D



# Inverse Universe

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



34202D



45253A



203431



1A1719



59003A



D9008D



# Previews

## White Background



This preview shows how the Hex color 34202D looks on a white background.

## Color Contrast Check

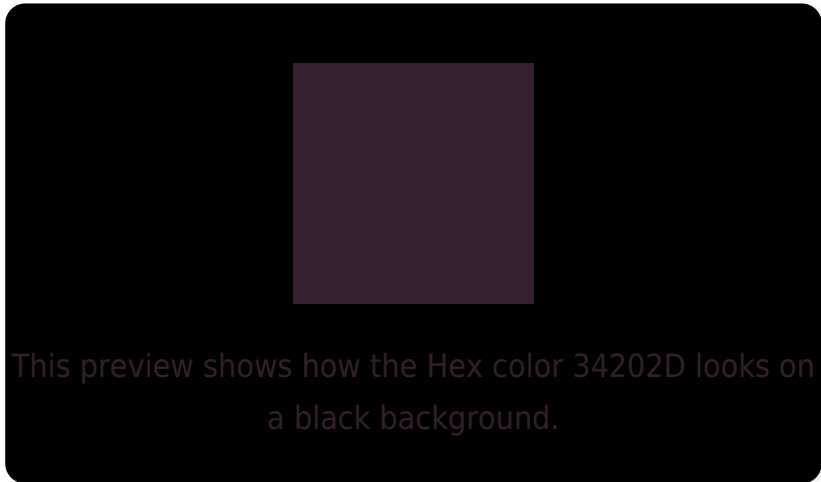
Large Text (above 18pt) WCAG AA ✓ Pass

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

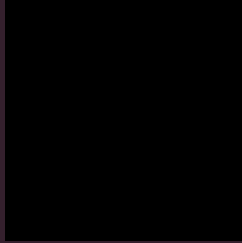
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 34202D Background



This preview shows how black text looks on a background with the Hex color 34202D.



This preview shows how white text looks on a background with the Hex color 34202D.

# 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**  
34202D

**Protanopia**  
242631

**Deuteranopia**  
28262C



**Tritanopia**  
332224

# Trichromacy



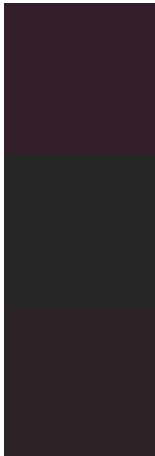
**Original Color**  
34202D

**Protanomaly**  
2A2430

**Deuteranomaly**  
2C242C

**Tritanomaly**  
332127

# Monochromacy



**Original Color**  
34202D

**Achromatopsia**  
272727

**Achromatomaly**  
2C2429

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 34202D 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 #34202D looks like.

```
.text, #text, p{  
    color:#34202D  
}
```

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 #34202D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #34202D
}
```

## Border

The CSS property to change the border of an element to Hex 34202D is called "border". The border property can be set on classes, ids or directly on the HTML element.

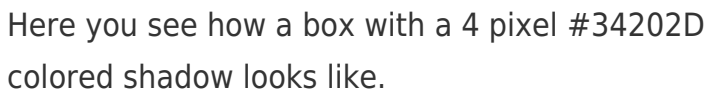
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#34202D }
```

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

```
.border{ border-color:#34202D }
```

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



Here you see how a box with a 4 pixel #34202D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #34202D; -webkit-box-shadow:4px 4px  
4px 4px #34202D; box-shadow:4px 4px 4px  
4px #34202D }
```

# Background

The CSS property to change the background color of an element to Hex 34202D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#34202D }
```

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

```
.background{ background-color:#34202D }
```

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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