

Converting Colors

Hex(34262B)

Have a look what the booklet for
Hex(34262B) contains.

Hex(34262B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(34262B)

Conversions

Conversions Part 1

Format	Color
Hex	34262B
RGB	52, 38, 43
RGB Percent	20%, 15%, 17%
CMY	0.7961, 0.8510, 0.8314
CMYK	0.00, 0.27, 0.17, 0.80
HSL	339°, 16%, 18%
HSV	339°, 27%, 20%
XYZ	2.5453, 2.2907, 2.5935
YIQ	42.7560, 6.7390, 4.5230

Conversions

Conversions Part 2

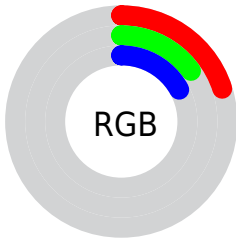
Format	Color
R_{YB}	52, 38, 43
Decimal	3417643
CIE Lab	16.94, 7.59, -0.74
CIE LCh	17, 7.626, 354.401
Yxy	2.2907, 0.3426, 0.3083
Android (android.graphics.Color)	4281607723 (0xFF34262B)
YUV	42.7560, 0.1203, 8.1070
Hunter-Lab	15.1351, 3.5327, 0.4348

Details

The Hex color **34262B** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **26342F**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **635358**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **342128**, and if you desaturate by 10%, it is **342B2E**.

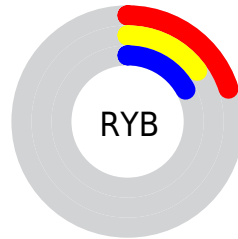
Distribution



Red (20%)

Green (15%)

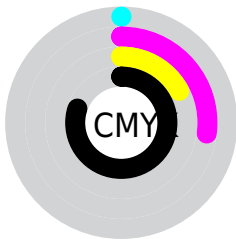
Blue (17%)



Red (20%)

Yellow (15%)

Blue (17%)

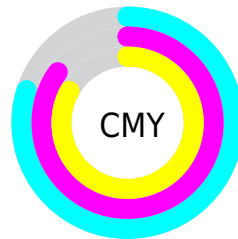


Cyan (0%)

Magenta (27%)

Yellow (17%)

Black (80%)



Cyan (80%)

Magenta (85%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 34262B 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 34262B by changing the saturation by 10% instead.

■ 34262B

■ 34262B

FFFFFF

■ 1F1217

■ 635358

■ 000000

■ 7C6B71

■ 96848A

■ B09EA4

■ CCB9C0

■ E8D5DB

■ FFF1F8

■ 34262B

■ 34262B

■ 342128

■ 342B2E

■ 341C24

■ 343032

■ 341621

■ 343635

■ 34111E

■ 343B38

■ 340C1A

■ 34403C

■ 340717

■ 34453F

■ 340214

■ 344A42

■ 340013

■ 345046

■ 345549

Harmonies

Analogous

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



302730



34262B



352626

Triad

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



34262B



292B20



1D2C32

Complementary

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



34262B



26342F

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.



1B2D2E



34262B



232C23

Square

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



34262B



2F291F



1E2D29



222B34

Rectangle

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



34262B



342722



1E2D29



1B2C31

Sweetspot

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



34262B



453F41



2F2634



242021



A3A3A3



242424

Same Dimension

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



34262B



452F37



342826



1A1718



590020



D9004D

Inverse Universe

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



34262B



452F37



263234



1A1718



590020



D9004D

Previews

White Background



This preview shows how the Hex color 34262B looks on a white background.

Color Contrast Check

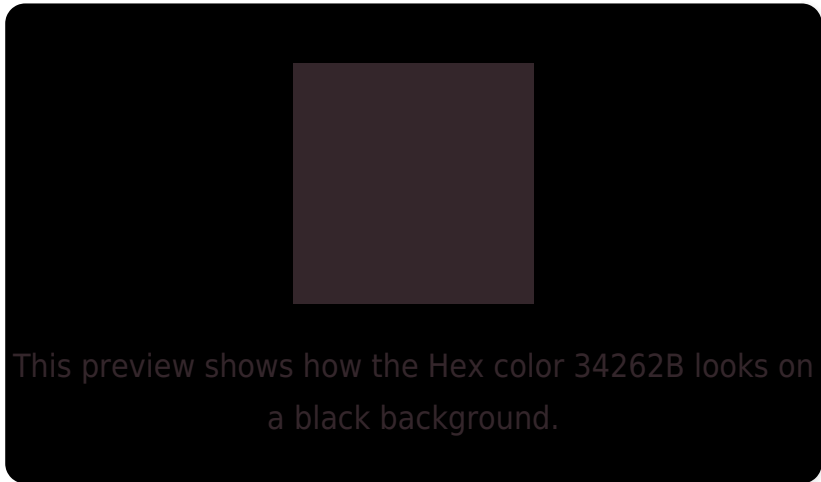
Large Text (above 18pt) WCAG AA ✓ Pass

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 34262B Background



This preview shows how black text looks on a background with the Hex color 34262B.

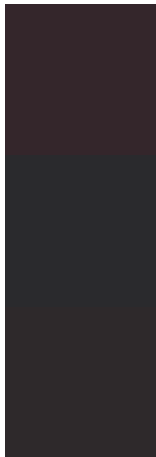


This preview shows how white text looks on a background with the Hex color 34262B.

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
34262B

Protanopia
2A2A2D

Deuteranopia
2E292B



Tritanopia
342629

Trichromacy



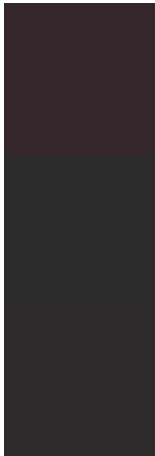
Original Color
34262B

Protanomaly
2E292C

Deuteranomaly
30282B

Tritanomaly
34262A

Monochromacy



Original Color
34262B

Achromatopsia
2B2B2B

Achromatomaly
2E292B

CSS Examples

Text

The CSS property to change the color of the text to Hex 34262B 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 #34262B looks like.

```
.text, #text, p{  
    color:#34262B  
}
```

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 #34262B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #34262B
}
```

Border

The CSS property to change the border of an element to Hex 34262B is called "border". The border property can be set on classes, ids or directly on the HTML element.

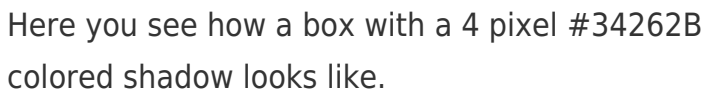
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#34262B }
```

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

```
.border{ border-color:#34262B }
```

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



Here you see how a box with a 4 pixel #34262B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #34262B; -webkit-box-shadow:4px 4px  
4px 4px #34262B; box-shadow:4px 4px 4px  
4px #34262B }
```

Background

The CSS property to change the background color of an element to Hex 34262B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#34262B }
```

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

```
.background{ background-color:#34262B }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor