

Converting Colors

Hex(322B38)

Have a look what the booklet for
Hex(322B38) contains.

Hex(322B38)	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(322B38)

Conversions

Conversions Part 1

Format	Color
Hex	322B38
RGB	50, 43, 56
RGB Percent	20%, 17%, 22%
CMY	0.8039, 0.8314, 0.7804
CMYK	0.11, 0.23, 0.00, 0.78
HSL	272°, 13%, 19%
HSV	272°, 23%, 22%
XYZ	2.8931, 2.6914, 4.1084
YIQ	46.5750, -0.0010, 5.5270

Conversions

Conversions Part 2

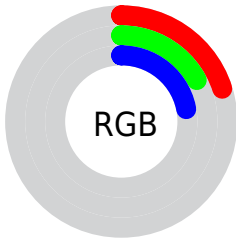
Format	Color
R_{YB}	50, 43, 56
Decimal	3287864
CIE Lab	18.76, 6.27, -7.15
CIE LCh	19, 9.509, 311.288
Yxy	2.6914, 0.2985, 0.2777
Android (android.graphics.Color)	4281477944 (0xFF322B38)
YUV	46.5750, 4.6465, 3.0037
Hunter-Lab	16.4054, 2.7687, -3.3641

Details

The Hex color **322B38** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **31382B**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **605867**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2F2538**, and if you desaturate by 10%, it is **353138**.

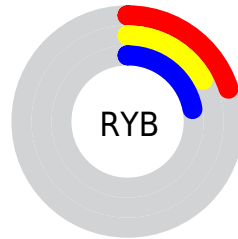
Distribution



Red (20%)

Green (17%)

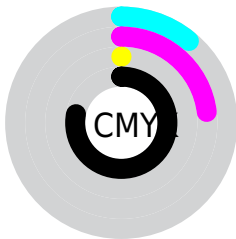
Blue (22%)



Red (20%)

Yellow (17%)

Blue (22%)

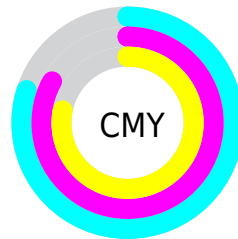


Cyan (11%)

Magenta (23%)

Yellow (0%)

Black (78%)



Cyan (80%)

Magenta (83%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 322B38 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 322B38 by changing the saturation by 10% instead.

■ 322B38

■ 322B38

FFFFFF

■ 1D1723

■ 605867

■ 00000C

■ 797180

■ 000000

■ 938A9A

■ ADA5B5

■ C9C0D0

■ E5DCEC

■ FFF8FF

■ 322B38

■ 322B38

■ 2F2538

■ 353138

■ 2D2038

■ 373638

■ 2A1A38

■ 3A3C38

■ 281538

■ 3C4138

■ 250F38

■ 3F4738

■ 220938

■ 424D38

■ 200438

■ 445238

■ 1E0038

■ 475838

■ 495D38

Harmonies

Analogous

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



292D3B



322B38



392932

Triad

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



322B38



372C21



1B3230

Complementary

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



322B38



31382B

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.



213129



322B38



302E20

Square

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



322B38



3B2A25



283023



1A3136

Rectangle

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



322B38



3B292E



283023



1D322E

Sweetspot

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



322B38



48454A



2B3138



252326



A6A6A6



262626

Same Dimension

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



322B38



40354A



382B38



1B191C



31005C



7600DB

Inverse Universe

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



382B31



4A353F



2B382B



1C191B



5C002A



DB0065

Previews

White Background



This preview shows how the Hex color 322B38 looks on a white background.

Color Contrast Check

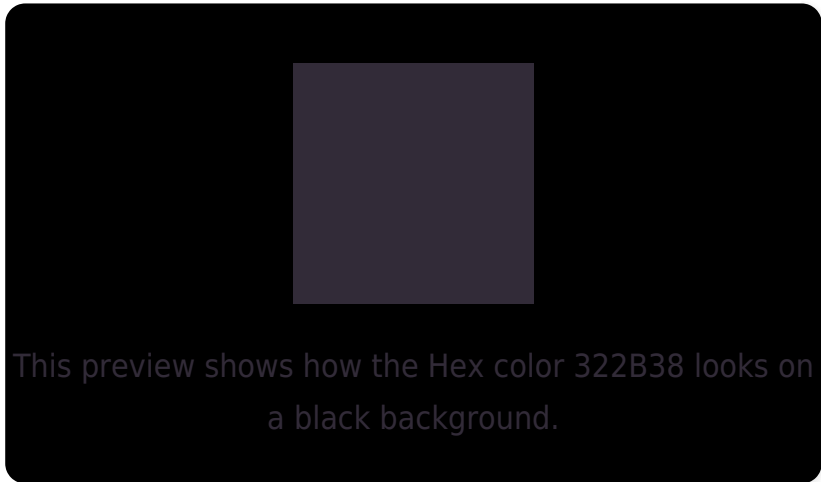
Large Text (above 18pt) WCAG AA ✓ Pass

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

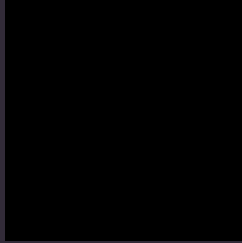
Any Text WCAG AA × Fail

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 322B38 Background



This preview shows how black text looks on a background with the Hex color 322B38.



This preview shows how white text looks on a background with the Hex color 322B38.

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

322B38

Protanopia

2B2D3A

Deuteranopia

2D2D38



Tritanopia
312C30

Trichromacy



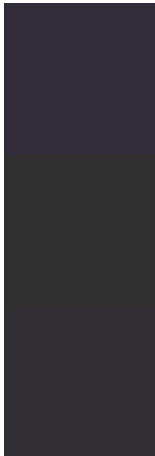
Original Color
322B38

Protanomaly
2E2C39

Deuteranomaly
2F2C38

Tritanomaly
312C33

Monochromacy



Original Color
322B38

Achromatopsia
2F2F2F

Achromatomaly
302E32

CSS Examples

Text

The CSS property to change the color of the text to Hex 322B38 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 #322B38 looks like.

```
.text, #text, p{  
    color:#322B38  
}
```

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 #322B38 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #322B38
}
```

Border

The CSS property to change the border of an element to Hex 322B38 is called "border". The border property can be set on classes, ids or directly on the HTML element.

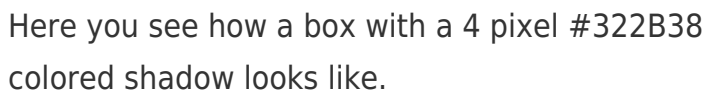
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#322B38 }
```

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

```
.border{ border-color:#322B38 }
```

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



Here you see how a box with a 4 pixel #322B38 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #322B38; -webkit-box-shadow:4px 4px  
4px 4px #322B38; box-shadow:4px 4px 4px  
4px #322B38 }
```

Background

The CSS property to change the background color of an element to Hex 322B38 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#322B38 }
```

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

```
.background{ background-color:#322B38 }
```

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