

Converting Colors

Hex(303B22)

Have a look what the booklet for
Hex(303B22) contains.

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Color

Hex(303B22)

Conversions

Conversions Part 1

Format	Color
Hex	303B22
RGB	48, 59, 34
RGB Percent	19%, 23%, 13%
CMY	0.8118, 0.7686, 0.8667
CMYK	0.19, 0.00, 0.42, 0.77
HSL	86°, 27%, 18%
HSV	86°, 42%, 23%
XYZ	3.0716, 3.8718, 2.0988
YIQ	52.8610, 1.4690, -10.1070

Conversions

Conversions Part 2

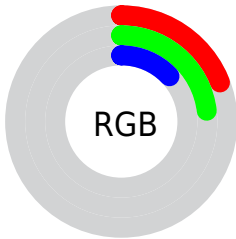
Format	Color
R _Y B	34, 59, 45
Decimal	3160866
CIE Lab	23.24, -9.89, 14.04
CIE LCh	23, 17.169, 125.167
Yxy	3.8718, 0.3397, 0.4282
Android (android.graphics.Color)	4281350946 (0xFF303B22)
YUV	52.8610, -9.2985, -4.2631
Hunter-Lab	19.6769, -6.5702, 7.4497

Details

The Hex color **303B22** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **2D223B**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **5F6A4F**, and **001100** is the 20% darker color. If you saturate the color by 10%, you get **2D3B1C**, and if you desaturate by 10%, it is **333B28**.

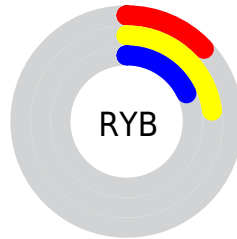
Distribution



Red (19%)

Green (23%)

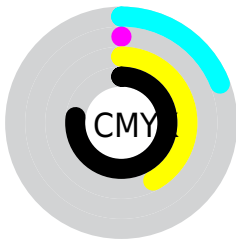
Blue (13%)



Red (13%)

Yellow (23%)

Blue (18%)

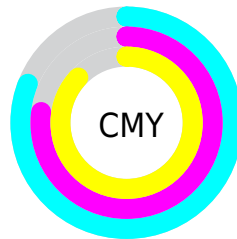


Cyan (19%)

Magenta (0%)

Yellow (42%)

Black (77%)



Cyan (81%)

Magenta (77%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 303B22 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 303B22 by changing the saturation by 10% instead.



303B22



303B22

FFFFFF



1B250D



5F6A4F



001100



778367



000000



919E80



ACB89A



C7D4B5



E3F0D0



FFFFED



303B22



303B22

■ 2D3B1C

■ 333B28

■ 2B3B16

■ 353B2E

■ 283B10

■ 383B34

■ 263B0A

■ 3A3B3A

■ 233B04

■ 3D3B3F

■ 213B00

■ 403B45

■ 423B4B

■ 453B51

■ 473B57

Harmonies

Analogous

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



3E371E



303B22



203D2C

Triad

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



303B22



123C4E



502D36

Complementary

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



303B22



2D223B

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.



492F42



303B22



293851

Square

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



303B22



033E46



3C334C



4F2F29

Rectangle

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



303B22



153E35



3C334C



4F2E3A

Sweetspot

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



303B22



484D43



3B2D22



242620



A6A6A6



262626

Same Dimension

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



303B22



3B4D25



243B22



1D1F1C



355E00



7CDE00

Inverse Universe

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



2D223B



37254D



39223B



1D1C1F



2A005E



6200DE

Previews

White Background



This preview shows how the Hex color 303B22 looks on a white background.

Color Contrast Check

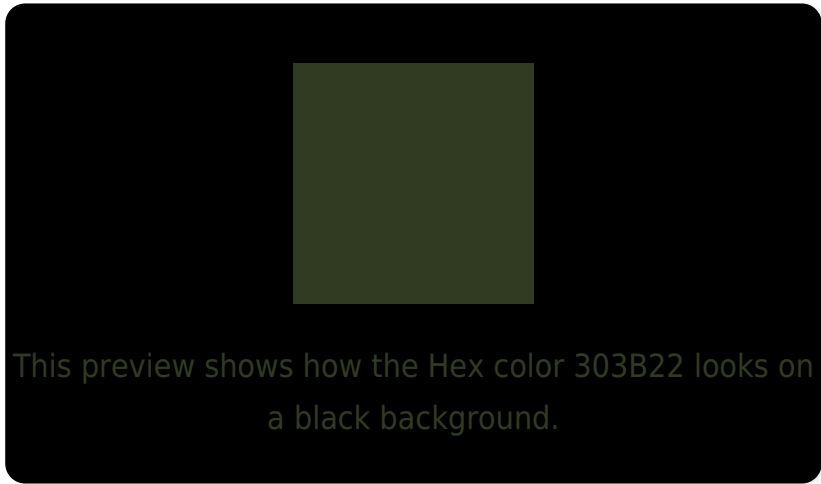
Large Text (above 18pt) WCAG AA ✓ Pass

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

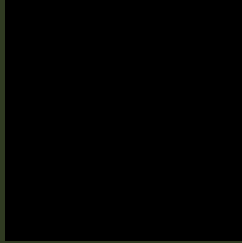
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

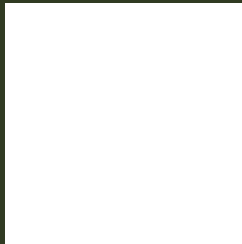
Any Text WCAG AAA × Fail

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

Hex 303B22 Background



This preview shows how black text looks on a background with the Hex color 303B22.



This preview shows how white text looks on a background with the Hex color 303B22.

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](#).

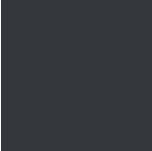
Dichromacy



Original Color
303B22

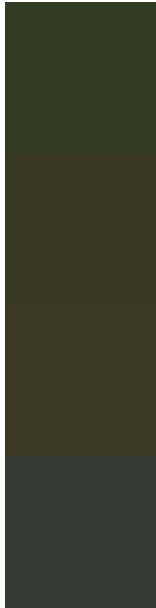
Protanopia
3D3721

Deuteranopia
433523



Tritanopia
34383C

Trichromacy



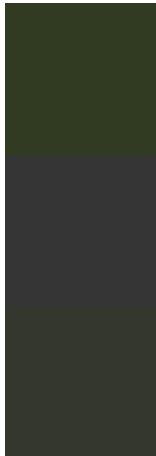
Original Color
303B22

Protanomaly
383821

Deuteranomaly
3C3723

Tritanomaly
333933

Monochromacy



Original Color
303B22

Achromatopsia
353535

Achromatomaly
33372E

CSS Examples

Text

The CSS property to change the color of the text to Hex 303B22 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 #303B22 looks like.

```
.text, #text, p{  
  color:#303B22  
}
```

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 #303B22 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #303B22
}
```

Border

The CSS property to change the border of an element to Hex 303B22 is called "border". The border property can be set on classes, ids or directly on the HTML element.

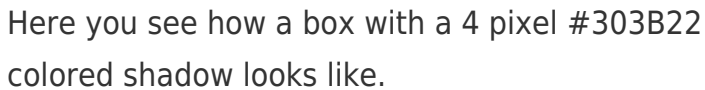
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#303B22 }
```

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

```
.border{ border-color:#303B22 }
```

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

A rectangular box with a dark blue shadow. The box is white with a thin black border. The shadow is a dark blue color, matching the #303B22 color mentioned in the text. The shadow is applied to the bottom and right sides of the box, creating a 3D effect.

Here you see how a box with a 4 pixel #303B22 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #303B22; -webkit-box-shadow:4px 4px  
4px 4px #303B22; box-shadow:4px 4px 4px  
4px #303B22 }
```

Background

The CSS property to change the background color of an element to Hex 303B22 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#303B22 }
```

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

```
.background{ background-color:#303B22 }
```

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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