

Converting Colors

Hex(323300)

Have a look what the booklet for
Hex(323300) contains.

Hex(323300)	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(323300)

Conversions

Conversions Part 1

Format	Color
Hex	323300
RGB	50, 51, 0
RGB Percent	20%, 20%, 0%
CMY	0.8039, 0.8000, 1.0000
CMYK	0.02, 0.00, 1.00, 0.80
HSL	61°, 100%, 10%
HSV	61°, 100%, 20%
XYZ	2.4992, 3.0458, 0.4562
YIQ	44.8870, 15.7750, -16.0730

Conversions

Conversions Part 2

Format	Color
RYB	0, 51, 1
Decimal	3289856
CIELab	20.23, -7.47, 28.35
CIElCh	20, 29.315, 104.754
Yxy	3.0458, 0.4165, 0.5075
Android (android.graphics.Color)	4281479936 (0xFF323300)
YUV	44.8870, -22.1293, 4.4841
Hunter-Lab	17.4521, -4.9792, 10.6667

Details

The Hex color **323300** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **010033**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **62612F**, and **000200** is the 20% darker color. If you saturate the color by 10%, you get **323300**, and if you desaturate by 10%, it is **323305**.

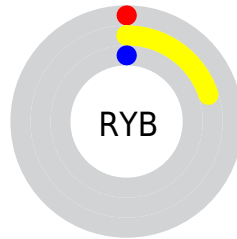
Distribution



 Red (20%)

 Green (20%)

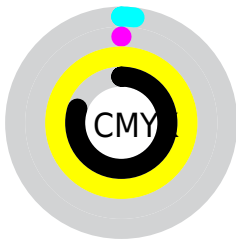
 Blue (0%)



 Red (0%)

 Yellow (20%)

 Blue (0%)

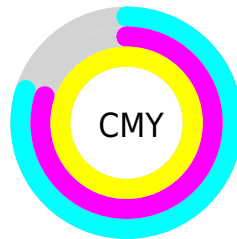


 Cyan (2%)

 Magenta (0%)

 Yellow (100%)

 Black (80%)



 Cyan (80%)

 Magenta (80%)

 Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 323300 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 323300 by changing the saturation by 10% instead.

 323300

 323300

 FFFFE4

 1B1E00

 62612F

 000200

 7C7A46

 000000

 96945F

 B1AE78

 CDCA92

 EAE6AD

 FFFFC8

 323300

■ 323305

■ 32330A

■ 32330F

■ 323314

■ 33331A

■ 33331F

■ 333324

■ 333329

■ 33332E

Harmonies

Analogous

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



452C02



323300



193810

Triad

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



323300



003A4F



521E3D

Complementary

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



323300



010033

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.



3F2650



323300



00365A

Square

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



323300



003B3B



1A305A



581C27

Rectangle

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



323300



003A1E



1A305A



4D2044

Sweetspot

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



323300



42422E



330100



212115



A1A1A1



212121

Same Dimension

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



323300



414200



193300



191A17



585900



D5D900

Inverse Universe

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



010033



010042



1A0033



17171A



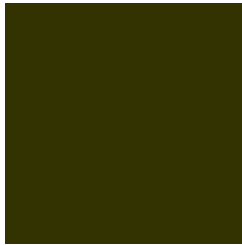
020059



0400D9

Previews

White Background



This preview shows how the Hex color 323300 looks on a white background.

Color Contrast Check

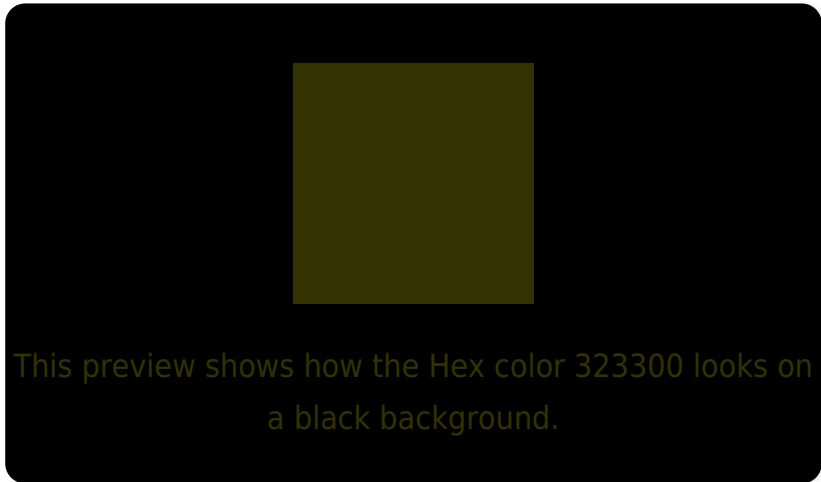
Large Text (above 18pt) WCAG AA ✓ Pass

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

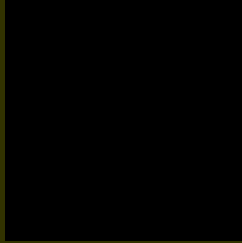
Any Text WCAG AA × Fail

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 323300 Background



This preview shows how black text looks on a background with the Hex color 323300.



This preview shows how white text looks on a background with the Hex color 323300.

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
323300

Protanopia
373100

Deuteranopia
3E2F08



Tritanopia
352F33

Trichromacy



Original Color
323300

Protanomaly
353200

Deuteranomaly
3A3005

Tritanomaly
343020

Monochromacy



Original Color
323300

Achromatopsia
2D2D2D

Achromatomaly
2F2F1D

CSS Examples

Text

The CSS property to change the color of the text to Hex 323300 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 #323300 looks like.

```
.text, #text, p{  
    color:#323300  
}
```

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 #323300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #323300  
}
```

Border

The CSS property to change the border of an element to Hex 323300 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  
#323300 }
```

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

```
.border{ border-color:#323300 }
```

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

Here you see how a box with a 4 pixel #323300 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #323300; -webkit-box-shadow:4px 4px  
4px 4px #323300; box-shadow:4px 4px 4px  
4px #323300 }
```

Background

The CSS property to change the background color of an element to Hex 323300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#323300 }
```

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

```
.background{ background-color:#323300 }
```

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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