

# Converting Colors

Hex(323200)

Have a look what the booklet for  
Hex(323200) contains.

<b>Hex(323200)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(323200)**

# Conversions

## Conversions Part 1

Format	Color
Hex	323200
RGB	50, 50, 0
RGB Percent	20%, 20%, 0%
CMY	0.8039, 0.8039, 1.0000
CMYK	0.00, 0.00, 1.00, 0.80
HSL	60°, 100%, 10%
HSV	60°, 100%, 20%
XYZ	2.4560, 2.9593, 0.4418
YIQ	44.3000, 16.0500, -15.5500

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 50, 0
Decimal	3289600
CIELab	19.88, -6.84, 27.96
CIELCh	20, 28.781, 103.740
Yxy	2.9593, 0.4193, 0.5053
Android (android.graphics.Color)	4281479680 (0xFF323200)
YUV	44.3000, -21.8399, 4.9989
Hunter-Lab	17.2027, -4.6205, 10.5193

# Details

The Hex color **323200** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **000032**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **62602F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **323200**, and if you desaturate by 10%, it is **323205**.

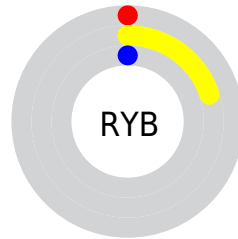
# Distribution



Red (20%)

Green (20%)

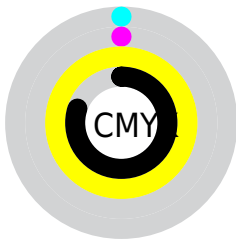
Blue (0%)



Red (0%)

Yellow (20%)

Blue (0%)



Cyan (0%)

Magenta (0%)

Yellow (100%)

Black (80%)



Cyan (80%)

Magenta (80%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 323200 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 323200 by changing the saturation by 10% instead.



 323200

 323200

 FFFFE4

 1B1D00

 62602F

 000000

 7C7946

 96925F

 B1AD78

 CDC892

 EAE4AC

 FFFFC8

 323200

■ 323205

■ 32320A

■ 32320F

■ 323214

■ 323219

■ 32321E

■ 323223

■ 323228

■ 32322D

# Harmonies

## Analogous

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



442B02



323200



1A370F

# Triad

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



323200



00394D



501E3C

# Complementary

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



323200



000032

# 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.



3D264F



323200



003658

# Square

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



323200



003A39



182F59



561C27

# Rectangle

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



323200



00391C



182F59



4B2043



# Sweetspot

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



323200



40402D



320000



212115



A1A1A1



212121



# Same Dimension

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



323200



404000



193200



1A1A17



595900



D9D900



# Inverse Universe

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



000032



000040



190032



17171A



000059



0000D9



# Previews

## White Background



This preview shows how the Hex color 323200 looks on a white background.

## Color Contrast Check

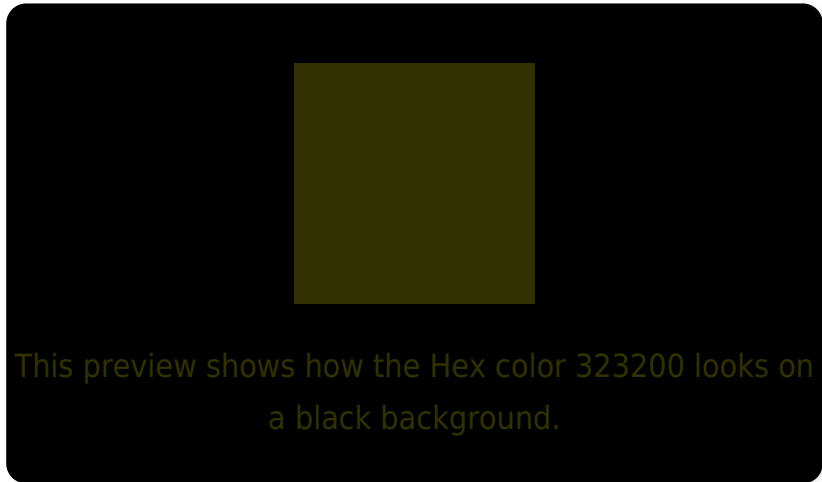
Large Text (above 18pt) WCAG AA ✓ Pass

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

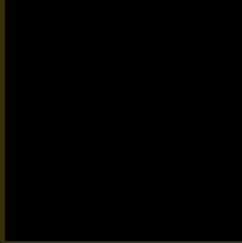
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

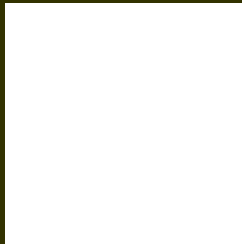
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 323200 Background



This preview shows how black text looks on a background with the Hex color 323200.



This preview shows how white text looks on a background with the Hex color 323200.

# 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**  
323200

**Protanopia**  
373000

**Deuteranopia**  
3D2E08



**Tritanopia**  
352E32

# Trichromacy



**Original Color**  
323200

**Protanomaly**  
353100

**Deuteranomaly**  
392F05

**Tritanomaly**  
342F20

# Monochromacy



**Original Color**  
323200

**Achromatopsia**  
2C2C2C

**Achromatomaly**  
2E2E1C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 323200 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 #323200 looks like.

```
.text, #text, p{  
    color:#323200  
}
```

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 #323200 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #323200
}
```

## Border

The CSS property to change the border of an element to Hex 323200 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".

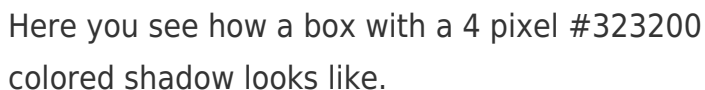
```
.border, #border, table{ border:4px solid
#323200 }
```

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

```
.border{ border-color:#323200 }
```

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

Here you see how a box with a 4 pixel #323200 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #323200; -webkit-box-shadow:4px 4px  
4px 4px #323200; box-shadow:4px 4px 4px  
4px #323200 }
```

# Background

The CSS property to change the background color of an element to Hex 323200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#323200 }
```

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

```
.background{ background-color:#323200 }
```

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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