

# Converting Colors

Hex(323001)

Have a look what the booklet for  
Hex(323001) contains.

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**Color**

**Hex(323001)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	323001
RGB	50, 48, 1
RGB Percent	20%, 19%, 0%
CMY	0.8039, 0.8118, 0.9961
CMYK	0.00, 0.04, 0.98, 0.80
HSL	58°, 96%, 10%
HSV	58°, 98%, 20%
XYZ	2.3778, 2.7942, 0.4427
YIQ	43.2400, 16.2790, -14.1930

# Conversions

## Conversions Part 2

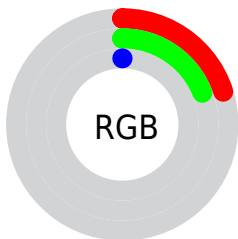
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	3, 50, 1
Decimal	3289089
CIE Lab	19.20, -5.49, 26.77
CIE LCh	19, 27.328, 101.589
Yxy	2.7942, 0.4235, 0.4977
Android (android.graphics.Color)	4281479169 (0xFF323001)
YUV	43.2400, -20.8243, 5.9285
Hunter-Lab	16.7159, -3.8613, 10.1308

# Details

The Hex color **323001** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **010332**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **625E30**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **323000**, and if you desaturate by 10%, it is **323006**.

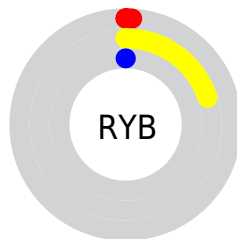
# Distribution



Red (20%)

Green (19%)

Blue (0%)



Red (1%)

Yellow (20%)

Blue (0%)

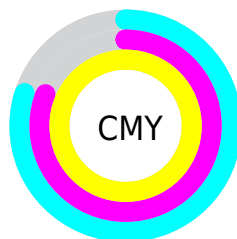


Cyan (0%)

Magenta (4%)

Yellow (98%)

Black (80%)



Cyan (80%)

Magenta (81%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 323001 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 323001 by changing the saturation by 10% instead.



 323001

 323001

 FFFFE5

 1B1B00

 625E30

 000000

 7C7647

 96905F

 B1AA78

 CDC692

 E9E2AD

 FFFEC8

 323001

 323001

■ 323000

■ 323006

■ 32300B

■ 323110

■ 323115

■ 32311A

■ 32311F

■ 323124

■ 323229

■ 32322E

# Harmonies

## Analogous

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



432904



323001



1C350F

# Triad

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



323001



003749



4C1E3C

# Complementary

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



323001



010332

# 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.



39264C



323001



003454

# Square

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



323001



003836



152E56



531C28

# Rectangle

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



323001



03371B



152E56



472042



# Sweetspot

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



323001



403F2D



320103



212116



A1A1A1



212121



# Same Dimension

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



323001



403D00



1C3201



1A1917



595600



D9D000



# Inverse Universe

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



010332



000340



170132



17171A



000459

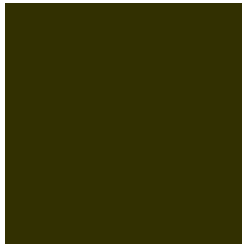


0009D9



# Previews

## White Background



This preview shows how the Hex color 323001 looks on a white background.

## Color Contrast Check

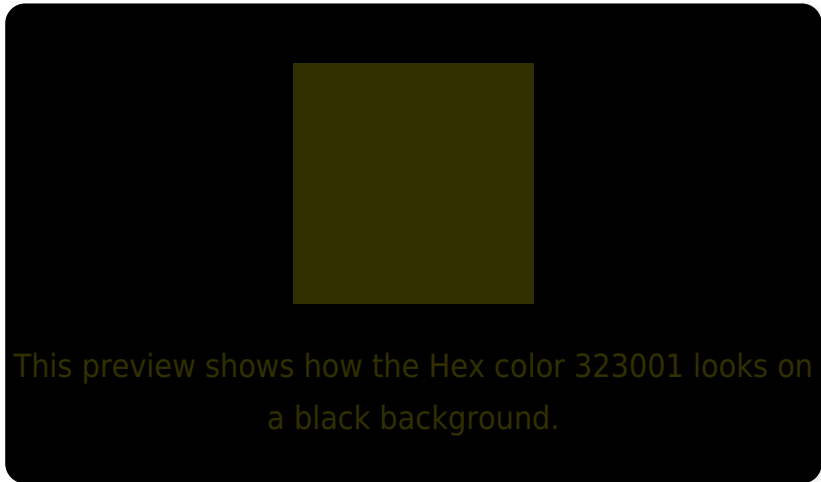
Large Text (above 18pt) WCAG AA ✓ Pass

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

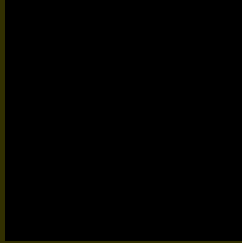
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 323001 Background



This preview shows how black text looks on a background with the Hex color 323001.



This preview shows how white text looks on a background with the Hex color 323001.

# 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**  
323001

**Protanopia**  
352F00

**Deuteranopia**  
3B2C07



**Tritanopia**  
352D30

# Trichromacy



**Original Color**  
323001

**Protanomaly**  
342F00

**Deuteranomaly**  
382D05

**Tritanomaly**  
342E1F

# Monochromacy



**Original Color**  
323001

**Achromatopsia**  
2B2B2B

**Achromatomaly**  
2E2D1C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 323001 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 #323001 looks like.

```
.text, #text, p{  
    color:#323001  
}
```

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 #323001 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #323001
}
```

## Border

The CSS property to change the border of an element to Hex 323001 is called "border". The border property can be set on classes, ids or directly on the HTML element.

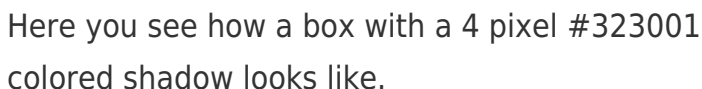
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#323001 }
```

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

```
.border{ border-color:#323001 }
```

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



Here you see how a box with a 4 pixel #323001 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #323001; -webkit-box-shadow:4px 4px  
4px 4px #323001; box-shadow:4px 4px 4px  
4px #323001 }
```

# Background

The CSS property to change the background color of an element to Hex 323001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#323001 }
```

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

```
.background{ background-color:#323001 }
```

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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