

# Converting Colors

Hex(323036)

Have a look what the booklet for  
Hex(323036) contains.

<b>Hex(323036)</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(323036)**

# Conversions

## Conversions Part 1

Format	Color
Hex	323036
RGB	50, 48, 54
RGB Percent	20%, 19%, 21%
CMY	0.8039, 0.8118, 0.7882
CMYK	0.07, 0.11, 0.00, 0.79
HSL	260°, 6%, 20%
HSV	260°, 11%, 21%
XYZ	3.0382, 3.0584, 3.9202
YIQ	49.2820, -0.7340, 2.2900

# Conversions

## Conversions Part 2

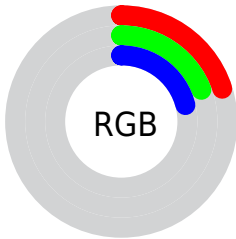
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	50, 48, 54
Decimal	3289142
CIE Lab	20.28, 2.32, -3.50
CIE LCh	20, 4.196, 303.570
Yxy	3.0584, 0.3033, 0.3053
Android (android.graphics.Color)	4281479222 (0xFF323036)
YUV	49.2820, 2.3260, 0.6297
Hunter-Lab	17.4882, 0.4063, -1.0490

# Details

The Hex color **323036** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **343630**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **605E65**, and **03000A** is the 20% darker color. If you saturate the color by 10%, you get **2E2B36**, and if you desaturate by 10%, it is **363536**.

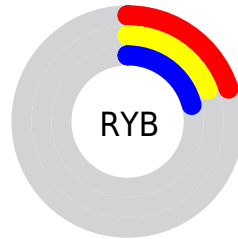
# Distribution



 Red (20%)

 Green (19%)

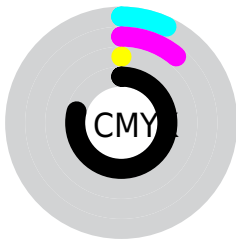
 Blue (21%)



 Red (20%)

 Yellow (19%)

 Blue (21%)

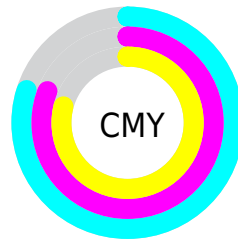


 Cyan (7%)

 Magenta (11%)

 Yellow (0%)

 Black (79%)



 Cyan (80%)

 Magenta (81%)

 Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 323036 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 323036 by changing the saturation by 10% instead.



■ 323036

■ 323036

FFFFFF

■ 1D1B21

■ 605E65

■ 03000A

■ 79777E

■ 000000

■ 939097

■ ADABB2

■ C9C6CE

■ E5E2EA

■ 323036

■ 323036

■ 2E2B36

■ 363536

■ 2B2536

■ 393B36

■ 272036

■ 3D4036

■ 241A36

■ 404636

■ 201536

■ 444B36

■ 1C1036

■ 485036

■ 190A36

■ 4B5636

■ 150536

■ 4F5B36

■ 120036

■ 526136

# Harmonies

## Analogous

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



2E3137



323036



352F34

# Triad

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



323036



36302B



2A3331

# Complementary

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



323036



343630

# 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.



2C322E



323036



33312B

# Square

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



323036



372F2E



30322C



293334

# Rectangle

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



323036



372F32



30322C



2A3330



# Sweetspot

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



323036



464547



303436



232224



A3A3A3



242424



# Same Dimension

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



323036



413E47



353036



1A191C



1F005C



4900DB



# Inverse Universe

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



363034



473E44



313630



1C191B



5C003D

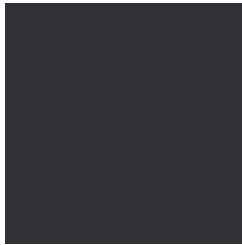


DB0092



# Previews

## White Background



This preview shows how the Hex color 323036 looks on a white background.

## Color Contrast Check

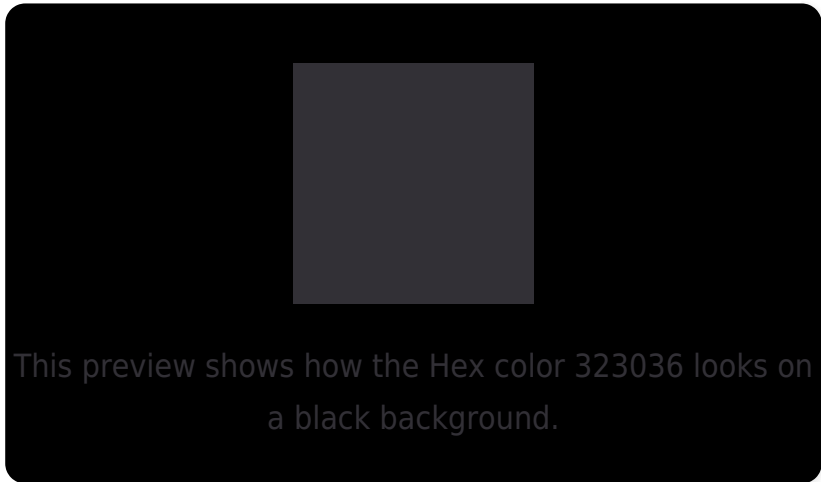
Large Text (above 18pt) WCAG AA ✓ Pass

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

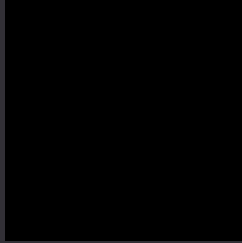
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 323036 Background



This preview shows how black text looks on a background with the Hex color 323036.



This preview shows how white text looks on a background with the Hex color 323036.

# 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**  
323036

**Protanopia**  
303136

**Deuteranopia**  
333036



**Tritanopia**  
323034

# Trichromacy



**Original Color**

323036

**Protanomaly**

313136

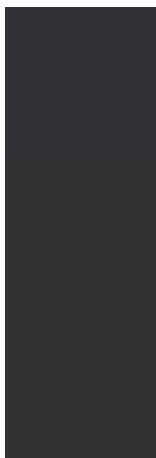
**Deuteranomaly**

333036

**Tritanomaly**

323035

# Monochromacy



**Original Color**

323036

**Achromatopsia**

313131

**Achromatomaly**

313133

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 323036 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 #323036 looks like.

```
.text, #text, p{  
    color:#323036  
}
```

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 #323036 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #323036
}
```

## Border

The CSS property to change the border of an element to Hex 323036 is called "border". The border property can be set on classes, ids or directly on the HTML element.

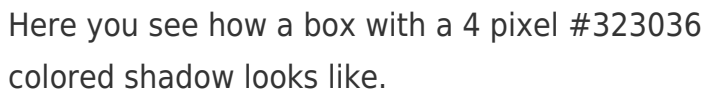
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#323036 }
```

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

```
.border{ border-color:#323036 }
```

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



Here you see how a box with a 4 pixel #323036 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #323036; -webkit-box-shadow:4px 4px  
4px 4px #323036; box-shadow:4px 4px 4px  
4px #323036 }
```

# Background

The CSS property to change the background color of an element to Hex 323036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#323036 }
```

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

```
.background{ background-color:#323036 }
```

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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