

# Converting Colors

Hex(302123)

Have a look what the booklet for  
Hex(302123) contains.

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# Color

**Hex(302123)**

# Conversions

## Conversions Part 1

Format	Color
Hex	302123
RGB	48, 33, 35
RGB Percent	19%, 13%, 14%
CMY	0.8118, 0.8706, 0.8627
CMYK	0.00, 0.31, 0.27, 0.81
HSL	352°, 19%, 16%
HSV	352°, 31%, 19%
XYZ	2.0662, 1.8374, 1.8359
YIQ	37.7130, 8.2980, 3.8020

# Conversions

## Conversions Part 2

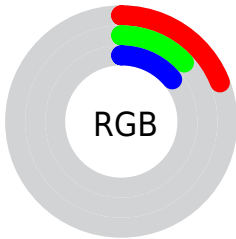
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	48, 33, 35
Decimal	3154211
CIE Lab	14.61, 7.60, 1.49
CIE LCh	15, 7.749, 11.091
Yxy	1.8374, 0.3600, 0.3201
Android (android.graphics.Color)	4281344291 (0xFF302123)
YUV	37.7130, -1.3375, 9.0217
Hunter-Lab	13.5552, 3.4862, 1.4586

# Details

The Hex color **302123** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **21302E**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **5E4D4F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **301C1F**, and if you desaturate by 10%, it is **302627**.

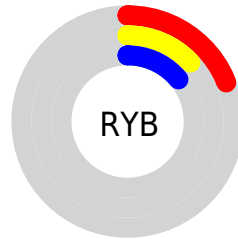
# Distribution



Red (19%)

Green (13%)

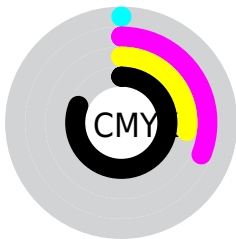
Blue (14%)



Red (19%)

Yellow (13%)

Blue (14%)

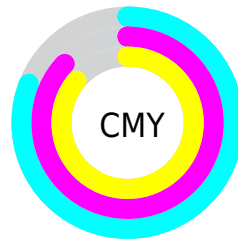


Cyan (0%)

Magenta (31%)

Yellow (27%)

Black (81%)



Cyan (81%)

Magenta (87%)

Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 302123 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 302123 by changing the saturation by 10% instead.



■ 302123

■ 302123

FFFFFF

■ 1C0B0D

■ 5E4D4F

■ 000000

■ 776567

■ 917E80

■ AC989A

■ C7B3B5

■ E3CED1

■ FFEBED

■ 302123

■ 302123

■ 301C1F

■ 302627

■ 30171B

■ 302B2B

■ 301317

■ 302F2F

■ 300E12

■ 303434

■ 30090E

■ 303938

■ 30040A

■ 303E3C

■ 300006

■ 304340

■ 304744

■ 304C48

# Harmonies

## Analogous

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



2E2129



302123



2F221E

# Triad

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



302123



21271D



1A262F

# Complementary

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



302123



21302E

# 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.



16282C



302123



1B2821

# Square

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



302123



27251A



162827



21252F

# Rectangle

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



302123



2D231C



162827



18272E



# Sweetspot

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



302123



3D3838



2E2130



1F1B1C



9E9E9E



1F1F1F



# Same Dimension

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



302123



3D2629



302721



171515



57000C



D6001D



# Inverse Universe

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



302123



3D2629



212B30



171515



57000C

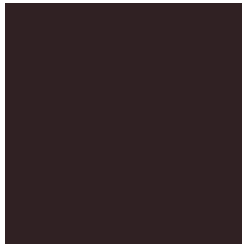


D6001D



# Previews

## White Background



This preview shows how the Hex color 302123 looks on a white background.

## Color Contrast Check

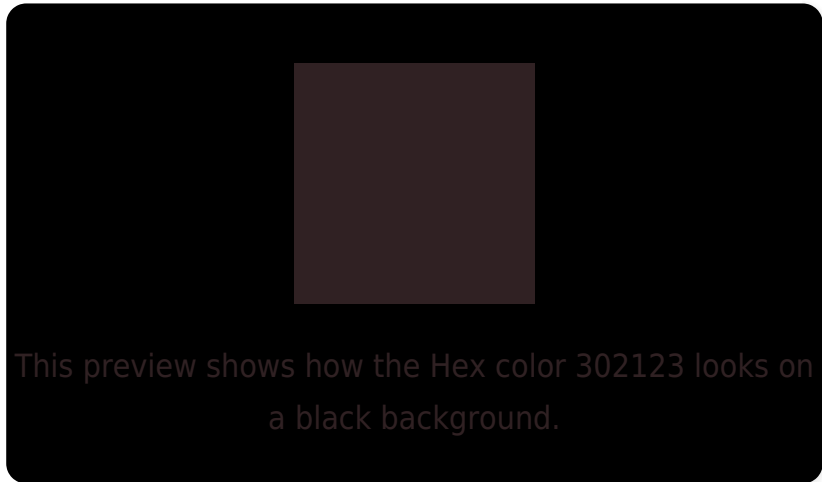
Large Text (above 18pt) WCAG AA ✓ Pass

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

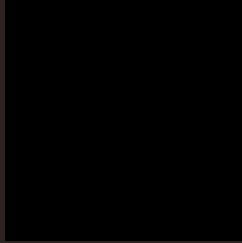
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 302123 Background



This preview shows how black text looks on a background with the Hex color 302123.

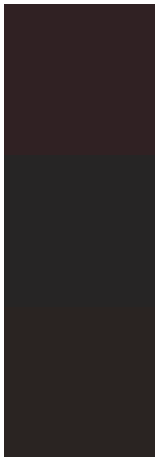


This preview shows how white text looks on a background with the Hex color 302123.

# 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](#).

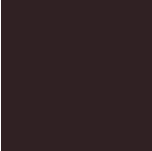
## Dichromacy



**Original Color**  
302123

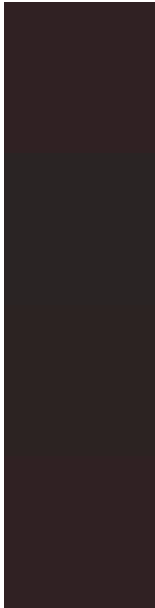
**Protanopia**  
262525

**Deuteranopia**  
2A2422



**Tritanopia**  
302123

# Trichromacy



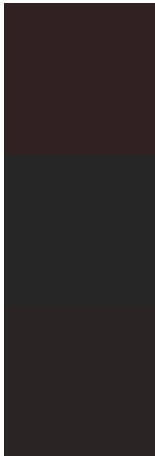
**Original Color**  
302123

**Protanomaly**  
2A2424

**Deuteranomaly**  
2C2322

**Tritanomaly**  
302123

# Monochromacy



**Original Color**  
302123

**Achromatopsia**  
262626

**Achromatomaly**  
2A2425

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 302123 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 #302123 looks like.

```
.text, #text, p{  
    color:#302123  
}
```

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 #302123 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #302123
}
```

## Border

The CSS property to change the border of an element to Hex 302123 is called "border". The border property can be set on classes, ids or directly on the HTML element.

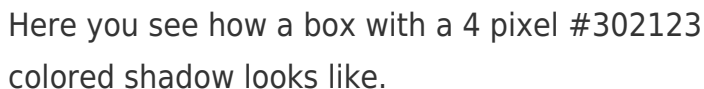
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#302123 }
```

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

```
.border{ border-color:#302123 }
```

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



Here you see how a box with a 4 pixel #302123 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #302123; -webkit-box-shadow:4px 4px  
4px 4px #302123; box-shadow:4px 4px 4px  
4px #302123 }
```

# Background

The CSS property to change the background color of an element to Hex 302123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#302123 }
```

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

```
.background{ background-color:#302123 }
```

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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