

# Converting Colors

Hex(3D2D29)

Have a look what the booklet for  
Hex(3D2D29) contains.

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# Color

**Hex(3D2D29)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3D2D29
RGB	61, 45, 41
RGB Percent	24%, 18%, 16%
CMY	0.7608, 0.8235, 0.8392
CMYK	0.00, 0.26, 0.33, 0.76
HSL	12°, 20%, 20%
HSV	12°, 33%, 24%
XYZ	3.2631, 3.0290, 2.5105
YIQ	49.3280, 10.8200, 2.1480

# Conversions

## Conversions Part 2

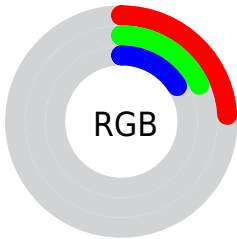
<b>Format</b>	<b>Color</b>
<b>RYB</b>	61, 46, 41
Decimal	4009257
CIELab	20.16, 6.65, 5.42
CIElCh	20, 8.575, 39.202
Yxy	3.0290, 0.3707, 0.3441
Android (android.graphics.Color)	4282199337 (0xFF3D2D29)
YUV	49.3280, -4.1057, 10.2363
Hunter-Lab	17.4039, 3.0104, 3.6303

# Details

The Hex color **3D2D29** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **29393D**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **6D5B56**, and **110000** is the 20% darker color. If you saturate the color by 10%, you get **3D2823**, and if you desaturate by 10%, it is **3D322F**.

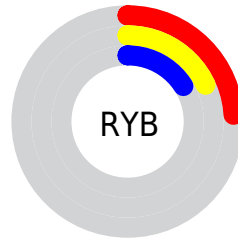
# Distribution



Red (24%)

Green (18%)

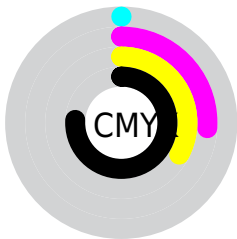
Blue (16%)



Red (24%)

Yellow (18%)

Blue (16%)

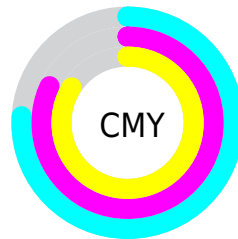


Cyan (0%)

Magenta (26%)

Yellow (33%)

Black (76%)



Cyan (76%)

Magenta (82%)

Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3D2D29 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 3D2D29 by changing the saturation by 10% instead.





3D2D29



3D2D29

FFFFFF



271815



6D5B56



110000



86736E



000000



A18D88



BCA7A2



D8C2BD



F4DED9



FFFBF5



3D2D29



3D2D29

■ 3D2823

■ 3D322F

■ 3D231D

■ 3D3735

■ 3D1E17

■ 3D3C3B

■ 3D1911

■ 3D4141

■ 3D150B

■ 3D4548

■ 3D1004

■ 3D4A4E

■ 3D0C00

■ 3D4F54

■ 3D545A

■ 3D5960

# Harmonies

## Analogous

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



3D2C2F



3D2D29



392F25

# Triad

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



3D2D29



25342C



2C313D

# Complementary

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



3D2D29



29393D

# 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.



24323C



3D2D29



203432

# Square

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



3D2D29



2C3327



203438



342E3A

# Rectangle

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



3D2D29



363024



203438



29313D



# Sweetspot

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



3D2D29



4F4947



3D2939



292524



A8A8A8



292929



# Same Dimension

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



3D2D29



4F3630



3D3729



1F1C1C



5E1300



DE2C00



# Inverse Universe

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



29393D



30494F



292F3D



1C1E1F



004B5E



00B1DE



# Previews

## White Background



This preview shows how the Hex color 3D2D29 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

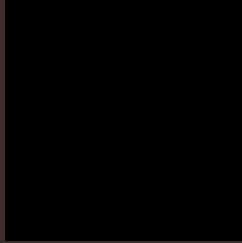
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3D2D29 Background



This preview shows how black text looks on a background with the Hex color 3D2D29.

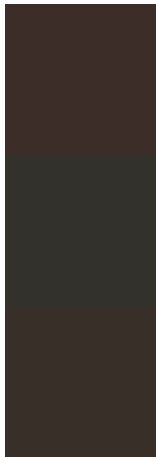


This preview shows how white text looks on a background with the Hex color 3D2D29.

# 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**  
3D2D29

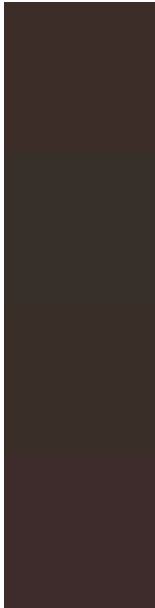
**Protanopia**  
33312B

**Deuteranopia**  
382F29



**Tritanopia**  
3E2C2F

# Trichromacy



**Original Color**

3D2D29

**Protanomaly**

37302A

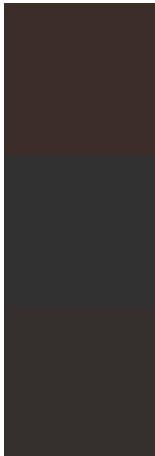
**Deuteranomaly**

3A2E29

**Tritanomaly**

3E2C2D

# Monochromacy



**Original Color**

3D2D29

**Achromatopsia**

313131

**Achromatomaly**

35302E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3D2D29 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 #3D2D29 looks like.

```
.text, #text, p{  
    color:#3D2D29  
}
```

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 #3D2D29 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D2D29
}
```

## Border

The CSS property to change the border of an element to Hex 3D2D29 is called "border". The border property can be set on classes, ids or directly on the HTML element.

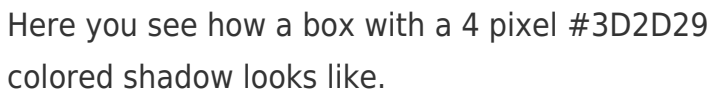
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3D2D29 }
```

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

```
.border{ border-color:#3D2D29 }
```

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



Here you see how a box with a 4 pixel #3D2D29 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D2D29; -webkit-box-shadow:4px 4px  
4px 4px #3D2D29; box-shadow:4px 4px 4px  
4px #3D2D29 }
```

# Background

The CSS property to change the background color of an element to Hex 3D2D29 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D2D29 }
```

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

```
.background{ background-color:#3D2D29 }
```

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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