

# Converting Colors

Hex(2C3D2D)

Have a look what the booklet for  
Hex(2C3D2D) contains.

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# Color

**Hex(2C3D2D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2C3D2D
RGB	44, 61, 45
RGB Percent	17%, 24%, 18%
CMY	0.8275, 0.7608, 0.8235
CMYK	0.28, 0.00, 0.26, 0.76
HSL	124°, 16%, 21%
HSV	124°, 28%, 24%
XYZ	3.1811, 4.0624, 3.0991
YIQ	54.0930, -4.9960, -8.5800

# Conversions

## Conversions Part 2

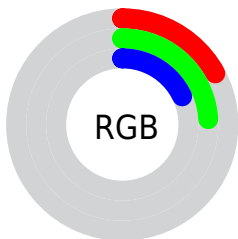
Format	Color
<b>RYB</b>	44, 60, 61
Decimal	2899245
CIELab	23.88, -10.75, 7.69
CIELCh	24, 13.217, 144.427
Yxy	4.0624, 0.3076, 0.3928
Android (android.graphics.Color)	4281089325 (0xFF2C3D2D)
YUV	54.0930, -4.4828, -8.8516
Hunter-Lab	20.1554, -7.0997, 4.9924

# Details

The Hex color **2C3D2D** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3D2C3C**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **5A6C5B**, and **001300** is the 20% darker color. If you saturate the color by 10%, you get **263D27**, and if you desaturate by 10%, it is **323D33**.

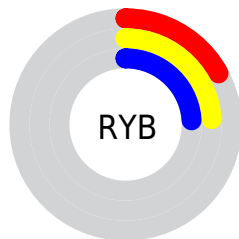
# Distribution



Red (17%)

Green (24%)

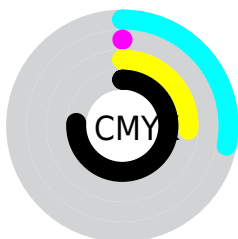
Blue (18%)



Red (17%)

Yellow (24%)

Blue (24%)

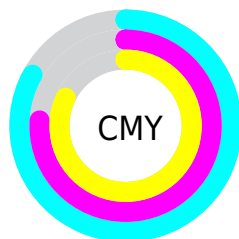


Cyan (28%)

Magenta (0%)

Yellow (26%)

Black (76%)



Cyan (83%)

Magenta (76%)

Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2C3D2D 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 2C3D2D by changing the saturation by 10% instead.



■ 2C3D2D

■ 2C3D2D

FFFFFF

■ 172718

■ 5A6C5B

■ 001300

■ 738673

■ 000000

■ 8CA08D

■ A7BBA7

■ C2D7C2

■ DEF3DE

■ FAFFFB

■ 2C3D2D

■ 2C3D2D

■ 263D27

■ 323D33

■ 203D22

■ 383D38

■ 1A3D1C

■ 3E3D3E

■ 143D16

■ 443D44

■ 0E3D10

■ 4B3D4A

■ 073D0B

■ 513D4F

■ 013D05

■ 573D55

■ 003D04

■ 5D3D5B

■ 633D61

# Harmonies

## Analogous

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



373B27



2C3D2D



213E37

# Triad

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



2C3D2D



293A4C



4D3231

# Complementary

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



2C3D2D



3D2C3C

# 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.



4B323B



2C3D2D



38374B

# Square

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



2C3D2D



1D3D49



443444



493429

# Rectangle

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



2C3D2D



1C3E3D



443444



4D3234



# Sweetspot

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



2C3D2D



494F49



3C3D2C



252925



A8A8A8



292929



# Same Dimension

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



2C3D2D



354F36



2C3D35



1C1F1C



005E06



00DE0D



# Inverse Universe

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



3D2C3C



4F354E



3D2C34



1F1C1E



5E0059

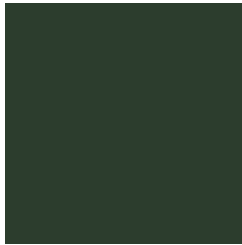


DE00D1



# Previews

## White Background



This preview shows how the Hex color 2C3D2D looks on a white background.

## Color Contrast Check

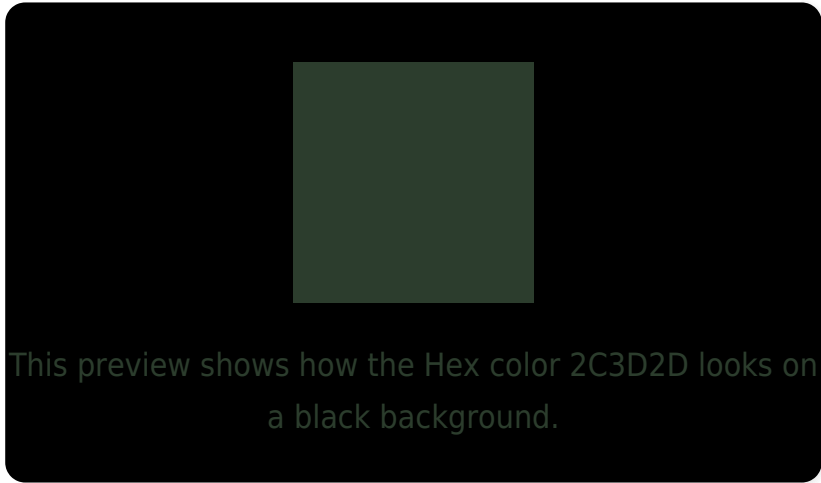
Large Text (above 18pt) WCAG AA ✓ Pass

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

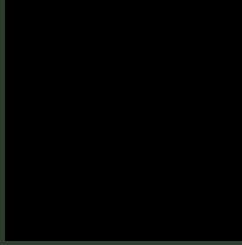
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 2C3D2D Background



This preview shows how black text looks on a background with the Hex color 2C3D2D.

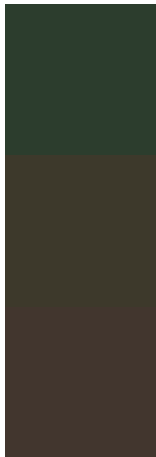


This preview shows how white text looks on a background with the Hex color 2C3D2D.

# 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**  
2C3D2D

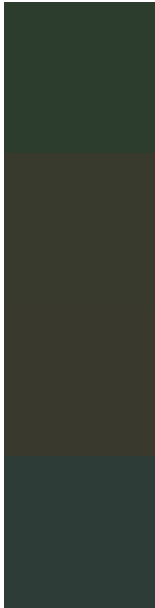
**Protanopia**  
3D392B

**Deuteranopia**  
42362E



**Tritanopia**  
2F3B3F

# Trichromacy



**Original Color**  
2C3D2D

**Protanomaly**  
373A2C

**Deuteranomaly**  
3A392E

**Tritanomaly**  
2E3C38

# Monochromacy



**Original Color**  
2C3D2D

**Achromatopsia**  
363636

**Achromatomaly**  
323933

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2C3D2D 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 #2C3D2D looks like.

```
.text, #text, p{  
    color:#2C3D2D  
}
```

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 #2C3D2D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C3D2D
}
```

## Border

The CSS property to change the border of an element to Hex 2C3D2D 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".

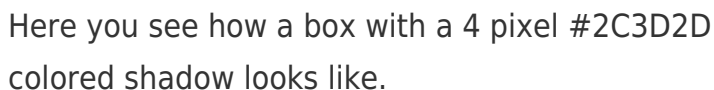
```
.border, #border, table{ border:4px solid
#2C3D2D }
```

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

```
.border{ border-color:#2C3D2D }
```

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

Here you see how a box with a 4 pixel #2C3D2D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C3D2D; -webkit-box-shadow:4px 4px  
4px 4px #2C3D2D; box-shadow:4px 4px 4px  
4px #2C3D2D }
```

# Background

The CSS property to change the background color of an element to Hex 2C3D2D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C3D2D }
```

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

```
.background{ background-color:#2C3D2D }
```

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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