

# Converting Colors

Hex(2C3D29)

Have a look what the booklet for  
Hex(2C3D29) contains.

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# Color

Hex(2C3D29)

# Conversions

## Conversions Part 1

Format	Color
Hex	2C3D29
RGB	44, 61, 41
RGB Percent	17%, 24%, 16%
CMY	0.8275, 0.7608, 0.8392
CMYK	0.28, 0.00, 0.33, 0.76
HSL	111°, 20%, 20%
HSV	111°, 33%, 24%
XYZ	3.1077, 4.0331, 2.7125
YIQ	53.6370, -3.7120, -9.8240

# Conversions

## Conversions Part 2

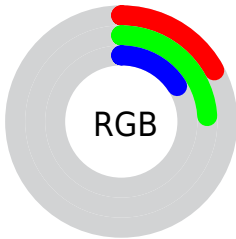
<b>Format</b>	<b>Color</b>
<b>RYB</b>	41, 61, 58
Decimal	2899241
CIELab	23.78, -11.58, 10.18
CIELCh	24, 15.418, 138.704
Yxy	4.0331, 0.3154, 0.4093
Android (android.graphics.Color)	4281089321 (0xFF2C3D29)
YUV	53.6370, -6.2300, -8.4516
Hunter-Lab	20.0825, -7.5221, 6.0496

# Details

The Hex color **2C3D29** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3A293D**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **5A6D56**, and **001300** is the 20% darker color. If you saturate the color by 10%, you get **273D23**, and if you desaturate by 10%, it is **313D2F**.

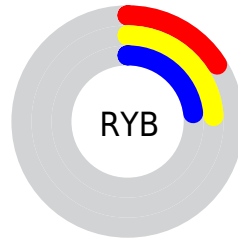
# Distribution



Red (17%)

Green (24%)

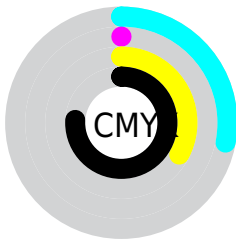
Blue (16%)



Red (16%)

Yellow (24%)

Blue (23%)

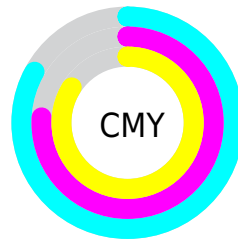


Cyan (28%)

Magenta (0%)

Yellow (33%)

Black (76%)



Cyan (83%)

Magenta (76%)

Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2C3D29 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 2C3D29 by changing the saturation by 10% instead.





2C3D29



2C3D29

FFFFFF



172715



5A6D56



001300



73866F



000000



8CA088



A7BBA2



C2D7BD



DEF3D9



FBFFF6



2C3D29



2C3D29

■ 273D23

■ 313D2F

■ 223D1D

■ 363D35

■ 1C3D17

■ 3C3D3B

■ 173D11

■ 413D41

■ 123D0B

■ 463D48

■ 0D3D04

■ 4B3D4E

■ 093D00

■ 503D54

■ 553D5A

■ 5B3D60

# Harmonies

## Analogous

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



393A22



2C3D29



1E3F34

# Triad

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



2C3D29



223B4F



503032

# Complementary

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



2C3D29



3A293D

# 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.



4C303D



2C3D29



34374E

# Square

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



2C3D29



133E4A



433348



4C3328

# Rectangle

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



2C3D29



153F3C



433348



4F3036



# Sweetspot

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



2C3D29



484F47



3D3A29



252924



A8A8A8



292929



# Same Dimension

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



2C3D29



354F30



293D30



1C1F1C



0E5E00



21DE00



# Inverse Universe

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



3A293D



4A304F



3D2936



1E1C1F



50005E

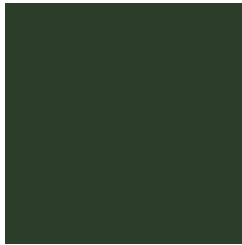


BD00DE



# Previews

## White Background



This preview shows how the Hex color 2C3D29 looks on a white background.

## Color Contrast Check

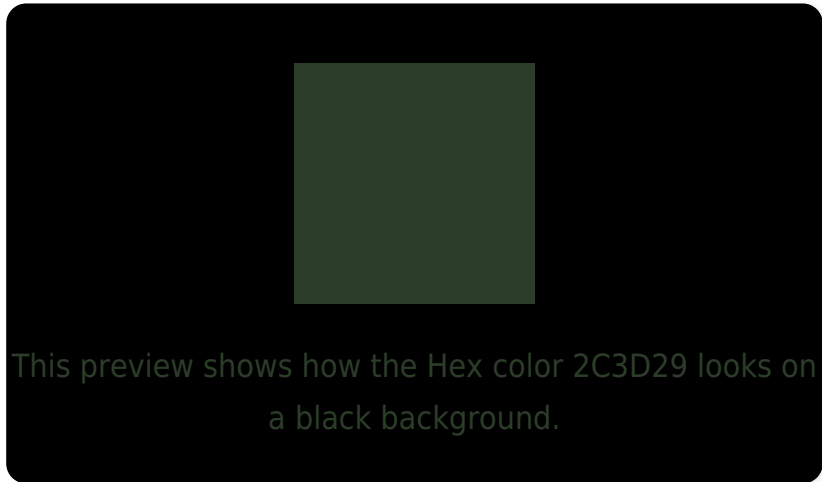
Large Text (above 18pt) WCAG AA ✓ Pass

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

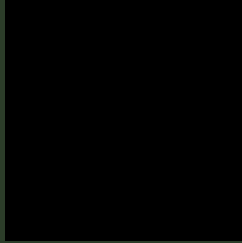
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 2C3D29 Background



This preview shows how black text looks on a background with the Hex color 2C3D29.



This preview shows how white text looks on a background with the Hex color 2C3D29.

# 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**  
2C3D29

**Protanopia**  
3D3827

**Deuteranopia**  
43362A



**Tritanopia**  
303A3F

# Trichromacy



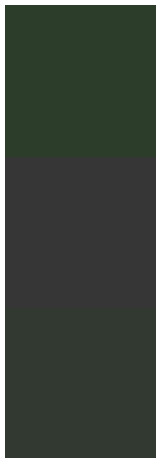
**Original Color**  
2C3D29

**Protanomaly**  
373A28

**Deuteranomaly**  
3B392A

**Tritanomaly**  
2F3B37

# Monochromacy



**Original Color**  
2C3D29

**Achromatopsia**  
363636

**Achromatomaly**  
323931

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2C3D29 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 #2C3D29 looks like.

```
.text, #text, p{  
    color:#2C3D29  
}
```

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 #2C3D29 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C3D29
}
```

## Border

The CSS property to change the border of an element to Hex 2C3D29 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
#2C3D29 }
```

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

```
.border{ border-color:#2C3D29 }
```

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

Here you see how a box with a 4 pixel #2C3D29 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C3D29; -webkit-box-shadow:4px 4px  
4px 4px #2C3D29; box-shadow:4px 4px 4px  
4px #2C3D29 }
```

# Background

The CSS property to change the background color of an element to Hex 2C3D29 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C3D29 }
```

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

```
.background{ background-color:#2C3D29 }
```

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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