

Converting Colors

Hex(293C29)

Have a look what the booklet for
Hex(293C29) contains.

Hex(293C29)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(293C29)

Conversions

Conversions Part 1

Format	Color
Hex	293C29
RGB	41, 60, 41
RGB Percent	16%, 24%, 16%
CMY	0.8392, 0.7647, 0.8392
CMYK	0.32, 0.00, 0.32, 0.76
HSL	120°, 19%, 20%
HSV	120°, 32%, 24%
XYZ	2.9305, 3.8632, 2.6890
YIQ	52.1530, -5.2250, -9.9370

Conversions

Conversions Part 2

Format	Color
R_{YB}	41, 60, 60
Decimal	2702377
CIE _{Lab}	23.21, -12.24, 9.37
CIE _{LCh}	23, 15.413, 142.573
Yxy	3.8632, 0.3090, 0.4074
Android (android.graphics.Color)	4280892457 (0xFF293C29)
YUV	52.1530, -5.4984, -9.7812
Hunter-Lab	19.6551, -7.7823, 5.6470

Details

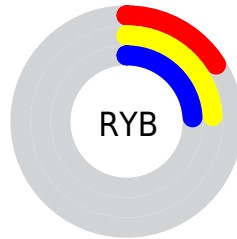
The Hex color **293C29** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **3C293C**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **576B56**, and **001300** is the 20% darker color. If you saturate the color by 10%, you get **233C23**, and if you desaturate by 10%, it is **2F3C2F**.

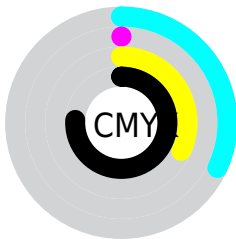
Distribution



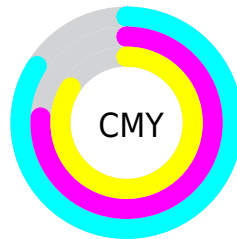
- Red (16%)
- Green (24%)
- Blue (16%)



- Red (16%)
- Yellow (24%)
- Blue (24%)



- Cyan (32%)
- Magenta (0%)
- Yellow (32%)
- Black (76%)



- Cyan (84%)
- Magenta (76%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 293C29 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 293C29 by changing the saturation by 10% instead.

■ 293C29

■ 293C29

FFFFFF

■ 142615

■ 576B56

■ 001300

■ 6F856F

■ 000000

■ 899F88

■ A3BAA2

■ BED6BD

■ DAF2D9

■ F7FFF6

■ 293C29

■ 293C29

■ 233C23

■ 2F3C2F

■ 1D3C1D

■ 353C35

■ 173C17

■ 3B3C3B

■ 113C11

■ 413C41

■ 0B3C0B

■ 473C47

■ 053C05

■ 4D3C4D

■ 003C00

■ 533C53

■ 593C59

■ 5F3C5F

Harmonies

Analogous

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



363922



293C29



1B3D34

Triad

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



293C29



23394E



4E2F2F

Complementary

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



293C29



3C293C

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.



4C2F3B



293C29



35354D

Square

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



293C29



133C49



433145



4A3226

Rectangle

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



293C29



133E3C



433145



4E2F33

Sweetspot

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



293C29



474F47



3C3C29



242924



A8A8A8



292929

Same Dimension

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



293C29



314F31



293C32



1C1F1C



005E00



00DE00

Inverse Universe

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



3C293C



4F314F



3C2932



1F1C1F



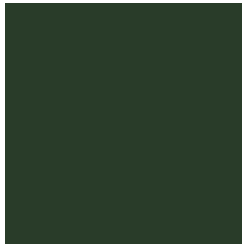
5E005E



DE00DE

Previews

White Background



This preview shows how the Hex color 293C29 looks on a white background.

Color Contrast Check

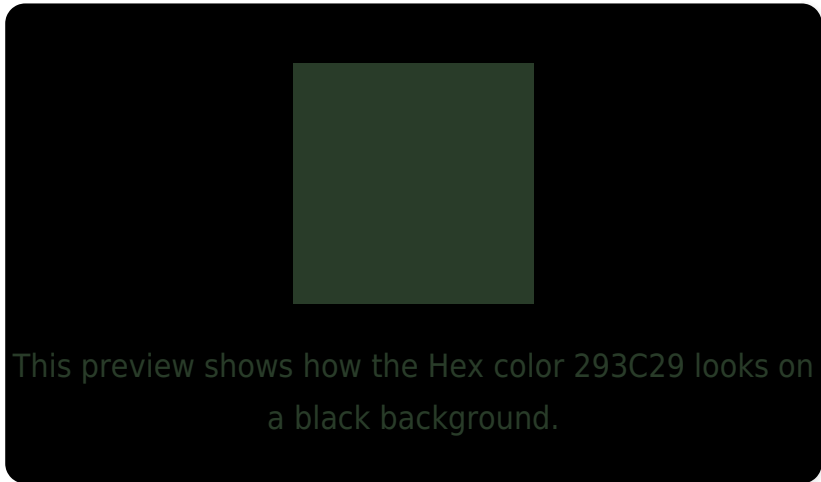
Large Text (above 18pt) WCAG AA ✓ Pass

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

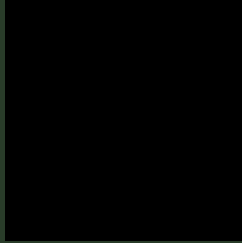
Any Text WCAG AA × Fail

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 293C29 Background



This preview shows how black text looks on a background with the Hex color 293C29.



This preview shows how white text looks on a background with the Hex color 293C29.

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](#).

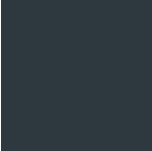
Dichromacy



Original Color
293C29

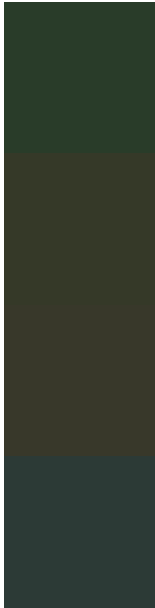
Protanopia
3C3727

Deuteranopia
41352B



Tritanopia
2D393E

Trichromacy



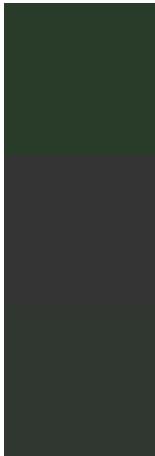
Original Color
293C29

Protanomaly
353928

Deuteranomaly
38382A

Tritanomaly
2C3A36

Monochromacy



Original Color
293C29

Achromatopsia
343434

Achromatomaly
303730

CSS Examples

Text

The CSS property to change the color of the text to Hex 293C29 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 #293C29 looks like.

```
.text, #text, p{  
    color:#293C29  
}
```

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 #293C29 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #293C29
}
```

Border

The CSS property to change the border of an element to Hex 293C29 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
#293C29 }
```

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

```
.border{ border-color:#293C29 }
```

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

Here you see how a box with a 4 pixel #293C29 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #293C29; -webkit-box-shadow:4px 4px  
4px 4px #293C29; box-shadow:4px 4px 4px  
4px #293C29 }
```

Background

The CSS property to change the background color of an element to Hex 293C29 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#293C29 }
```

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

```
.background{ background-color:#293C29 }
```

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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