

Converting Colors

Hex(293014)

Have a look what the booklet for
Hex(293014) contains.

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Color

Hex(293014)

Conversions

Conversions Part 1

Format	Color
Hex	293014
RGB	41, 48, 20
RGB Percent	16%, 19%, 8%
CMY	0.8392, 0.8118, 0.9216
CMYK	0.15, 0.00, 0.58, 0.81
HSL	75°, 41%, 13%
HSV	75°, 58%, 19%
XYZ	2.0977, 2.6358, 1.0600
YIQ	42.7150, 4.8160, -10.1920

Conversions

Conversions Part 2

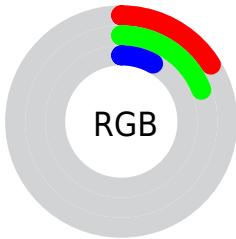
Format	Color
RYB	20, 48, 27
Decimal	2699284
CIELab	18.52, -8.55, 16.82
CIELCh	19, 18.865, 116.957
Yxy	2.6358, 0.3621, 0.4550
Android (android.graphics.Color)	4280889364 (0xFF293014)
YUV	42.7150, -11.1985, -1.5041
Hunter-Lab	16.2352, -5.3486, 7.4935

Details

The Hex color **293014** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **1B1430**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **575E3F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **28300F**, and if you desaturate by 10%, it is **2A3019**.

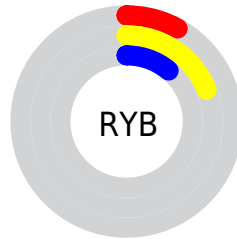
Distribution



Red (16%)

Green (19%)

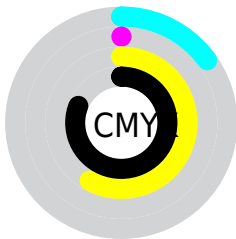
Blue (8%)



Red (8%)

Yellow (19%)

Blue (11%)

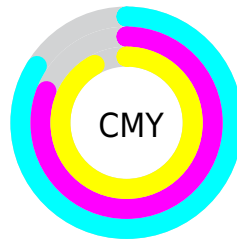


Cyan (15%)

Magenta (0%)

Yellow (58%)

Black (81%)



Cyan (84%)

Magenta (81%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 293014 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 293014 by changing the saturation by 10% instead.

 293014

 293014

 FFFFF6

 161B00

 575E3F

 000000

 707757

 89906F

 A4AB89

 BFC6A3

 DBE2BE

 F7FFDA

 293014

 293014

■ 28300F

■ 2A3019

■ 27300A

■ 2B301E

■ 253006

■ 2D3022

■ 243001

■ 2E3027

■ 243000

■ 2F302C

■ 303031

■ 313036

■ 33303A

■ 34303F

Harmonies

Analogous

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



372C11



293014



18331E

Triad

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



293014



003244



46222F

Complementary

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



293014



1B1430

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.



3D253C



293014



132F48

Square

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



293014



003439



2C2A45



472321

Rectangle

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



293014



093427



2C2A45



442334

Sweetspot

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



293014



3A3D32



301B14



1D1F18



9E9E9E



1F1F1F

Same Dimension

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



293014



323D12



1B3014



161715



415700



A1D600

Inverse Universe

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



1B1430



1D123D



291430



151517



160057



3600D6

Previews

White Background



This preview shows how the Hex color 293014 looks on a white background.

Color Contrast Check

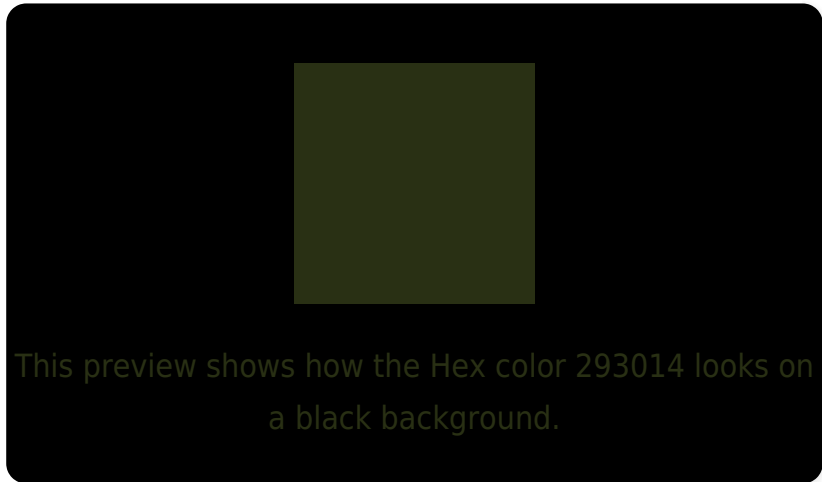
Large Text (above 18pt) WCAG AA ✓ Pass

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

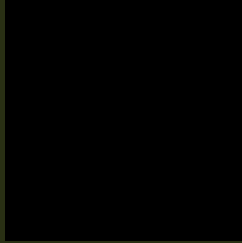
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

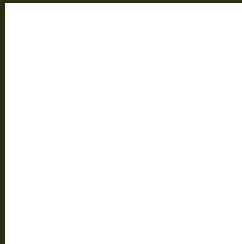
Any Text WCAG AAA × Fail

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

Hex 293014 Background



This preview shows how black text looks on a background with the Hex color 293014.

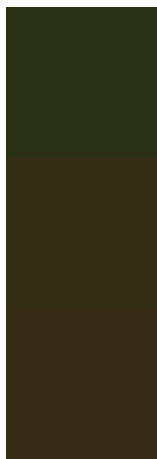


This preview shows how white text looks on a background with the Hex color 293014.

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
293014

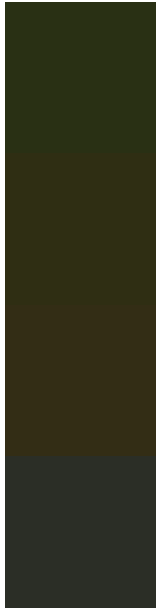
Protanopia
322D13

Deuteranopia
382B15



Tritanopia
2C2D31

Trichromacy



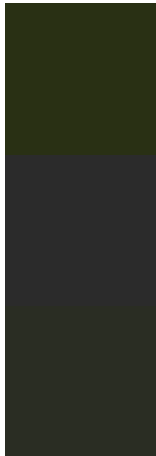
Original Color
293014

Protanomaly
2F2E13

Deuteranomaly
332D15

Tritanomaly
2B2E26

Monochromacy



Original Color
293014

Achromatopsia
2B2B2B

Achromatomaly
2A2D23

CSS Examples

Text

The CSS property to change the color of the text to Hex 293014 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 #293014 looks like.

```
.text, #text, p{  
    color:#293014  
}
```

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 #293014 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #293014
}
```

Border

The CSS property to change the border of an element to Hex 293014 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".

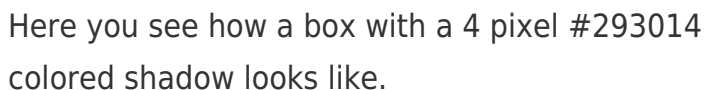
```
.border, #border, table{ border:4px solid
#293014 }
```

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

```
.border{ border-color:#293014 }
```

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

Here you see how a box with a 4 pixel #293014 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #293014; -webkit-box-shadow:4px 4px  
4px 4px #293014; box-shadow:4px 4px 4px  
4px #293014 }
```

Background

The CSS property to change the background color of an element to Hex 293014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#293014 }
```

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

```
.background{ background-color:#293014 }
```

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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