

# Converting Colors

Hex(293100)

Have a look what the booklet for  
Hex(293100) contains.

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# Color

**Hex(293100)**

# Conversions

## Conversions Part 1

Format	Color
Hex	293100
RGB	41, 49, 0
RGB Percent	16%, 19%, 0%
CMY	0.8392, 0.8078, 1.0000
CMYK	0.16, 0.00, 1.00, 0.81
HSL	70°, 100%, 10%
HSV	70°, 100%, 19%
XYZ	2.0128, 2.6680, 0.4089
YIQ	41.0220, 10.9610, -16.9350

# Conversions

## Conversions Part 2

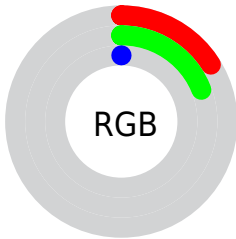
Format	Color
<a href="#">RYB</a>	<a href="#">0, 49, 8</a>
Decimal	<a href="#">2699520</a>
CIELab	<a href="#">18.66, -11.07, 26.33</a>
CIELCh	<a href="#">19, 28.562, 112.813</a>
Yxy	<a href="#">2.6680, 0.3955, 0.5242</a>
Android (android.graphics.Color)	<a href="#">4280889600 (0xFF293100)</a>
YUV	<a href="#">41.0220, -20.2238, -0.0193</a>
Hunter-Lab	<a href="#">16.3341, -6.5892, 9.9497</a>

# Details

The Hex color **293100** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **080031**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **585F2F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **293100**, and if you desaturate by 10%, it is **2A3105**.

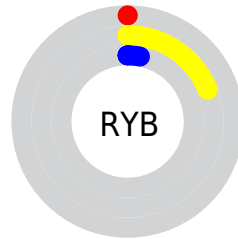
# Distribution



Red (16%)

Green (19%)

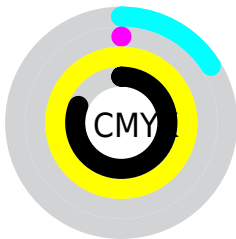
Blue (0%)



Red (0%)

Yellow (19%)

Blue (3%)

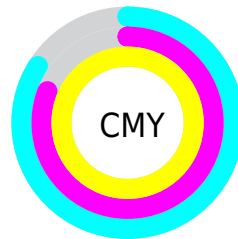


Cyan (16%)

Magenta (0%)

Yellow (100%)

Black (81%)



Cyan (84%)

Magenta (81%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 293100 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 293100 by changing the saturation by 10% instead.



 293100


 293100

 FFFFE4

 121C00

 585F2F

 000000

 717846

 8B915E

 A5AC77

 C1C791

 DDE3AC

 FAFFC8

 293100

■ 2A3105

■ 2B310A

■ 2B310F

■ 2C3114

■ 2D3119

■ 2E311D

■ 2F3122

■ 2F3127

■ 30312C

# Harmonies

## Analogous

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



3C2B00



293100



0C3513

# Triad

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



293100



00354E



501A33

# Complementary

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



293100



080031

# 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.



422147



293100



003157

# Square

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



293100



00373D



242A54



521B1F

# Rectangle

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



293100



003620



242A54



4D1B3A



# Sweetspot

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



293100



3D402D



310700



1F2115



A1A1A1



212121



# Same Dimension

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



293100



354000



113100



191A17



4B5900



B5D900



# Inverse Universe

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



080031



0A0040



200031



17171A



0F0059

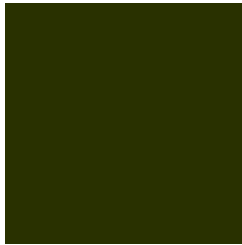


2300D9



# Previews

## White Background



This preview shows how the Hex color 293100 looks on a white background.

## Color Contrast Check

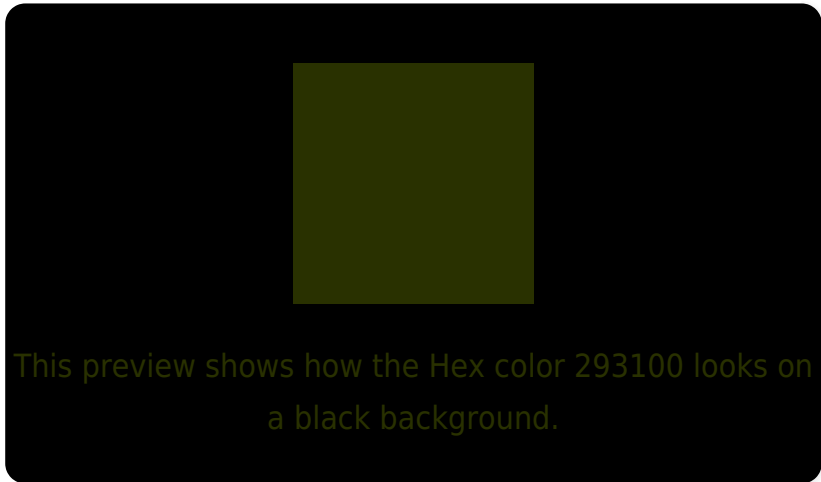
Large Text (above 18pt) WCAG AA ✓ Pass

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

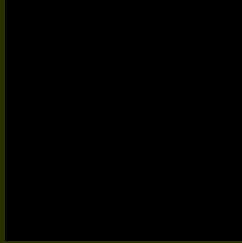
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 293100 Background



This preview shows how black text looks on a background with the Hex color 293100.



This preview shows how white text looks on a background with the Hex color 293100.

# 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**  
293100

**Protanopia**  
342E00

**Deuteranopia**  
3A2B09



**Tritanopia**  
2D2E31

# Trichromacy



**Original Color**  
293100

**Protanomaly**  
302F00

**Deuteranomaly**  
342D06

**Tritanomaly**  
2C2F1F

# Monochromacy



**Original Color**  
293100

**Achromatopsia**  
292929

**Achromatomaly**  
292C1A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 293100 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 #293100 looks like.

```
.text, #text, p{  
    color:#293100  
}
```

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 #293100 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #293100
}
```

## Border

The CSS property to change the border of an element to Hex 293100 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
#293100 }
```

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

```
.border{ border-color:#293100 }
```

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

Here you see how a box with a 4 pixel #293100 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #293100; -webkit-box-shadow:4px 4px  
4px 4px #293100; box-shadow:4px 4px 4px  
4px #293100 }
```

# Background

The CSS property to change the background color of an element to Hex 293100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#293100 }
```

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

```
.background{ background-color:#293100 }
```

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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