

Converting Colors

Hex(291730)

Have a look what the booklet for
Hex(291730) contains.

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Color

Hex(291730)

Conversions

Conversions Part 1

Format	Color
Hex	291730
RGB	41, 23, 48
RGB Percent	16%, 9%, 19%
CMY	0.8392, 0.9098, 0.8118
CMYK	0.15, 0.52, 0.00, 0.81
HSL	283°, 35%, 14%
HSV	283°, 52%, 19%
XYZ	1.7543, 1.2976, 2.9543
YIQ	31.2320, 2.7030, 11.5910

Conversions

Conversions Part 2

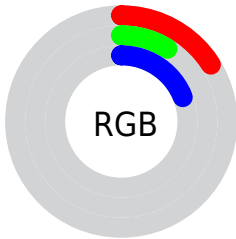
Format	Color
R_{YB}	41, 23, 48
Decimal	2692912
CIE _{Lab}	11.26, 14.64, -13.10
CIE _{LCh}	11, 19.648, 318.184
Yxy	1.2976, 0.2921, 0.2160
Android (android.graphics.Color)	4280882992 (0xFF291730)
YUV	31.2320, 8.2666, 8.5665
Hunter-Lab	11.3913, 7.5557, -7.4029

Details

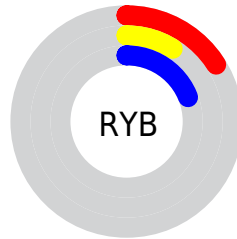
The Hex color **291730** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **1E3017**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **57425E**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **281230**, and if you desaturate by 10%, it is **2A1C30**.

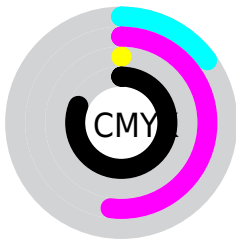
Distribution



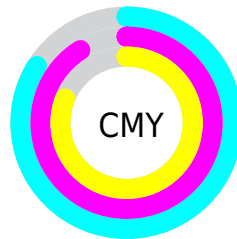
- Red (16%)
- Green (9%)
- Blue (19%)



- Red (16%)
- Yellow (9%)
- Blue (19%)



- Cyan (15%)
- Magenta (52%)
- Yellow (0%)
- Black (81%)



- Cyan (84%)
- Magenta (91%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 291730 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 291730 by changing the saturation by 10% instead.

■ 291730

■ 291730

■ FFFAFF

■ 17001C

■ 57425E

■ 000000

■ 705A77

■ 897291

■ A38CAB

■ BFA6C6

■ DBC2E3

■ F7DEFF

■ 291730

■ 291730

■ 281230

■ 2A1C30

■ 260D30

■ 2C2130

■ 250930

■ 2D2530

■ 240430

■ 2E2A30

■ 230030

■ 302F30

■ 313430

■ 323930

■ 343D30

■ 354230

Harmonies

Analogous

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



151D38



291730



341224

Triad

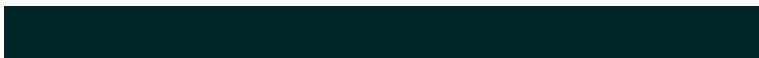
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



291730



2B1B00



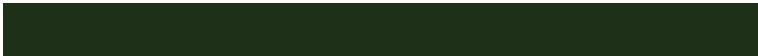
002526

Complementary

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



291730



1E3017

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.



002418



291730



1F2000

Square

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



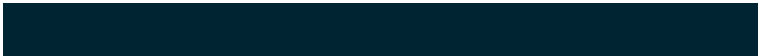
291730



331606



0F2308



002432

Rectangle

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



291730



36121B



0F2308



002521

Sweetspot

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



291730



3A333D



171E30



1D191F



9E9E9E



1F1F1F

Same Dimension

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



291730



32173D



30172B



161517



3E0057



9A00D6

Inverse Universe

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



30171E



3D1721



17301C



171515



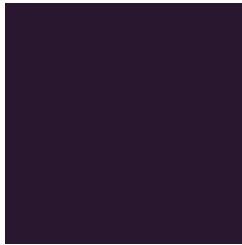
570018



D6003C

Previews

White Background



This preview shows how the Hex color 291730 looks on a white background.

Color Contrast Check

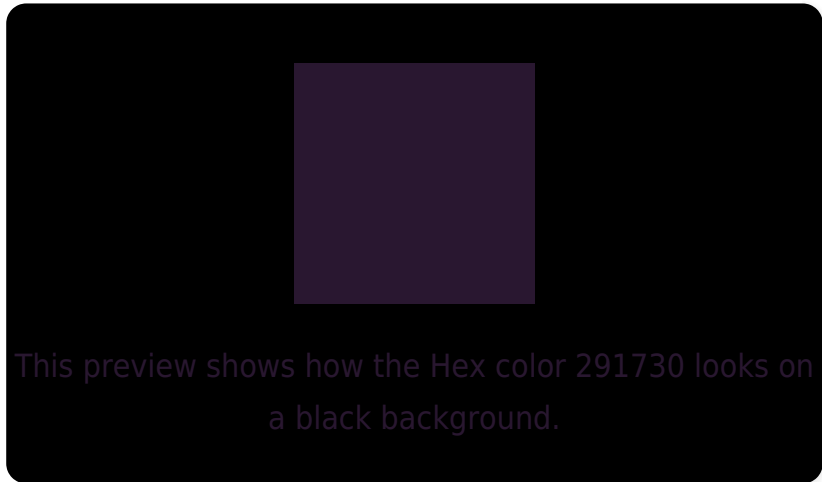
Large Text (above 18pt) WCAG AA ✓ Pass

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

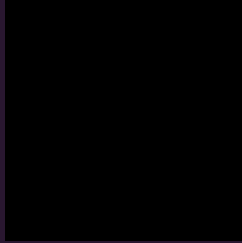
Any Text WCAG AA × Fail

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 291730 Background



This preview shows how black text looks on a background with the Hex color 291730.



This preview shows how white text looks on a background with the Hex color 291730.

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
291730

Protanopia
131E36

Deuteranopia
171E2F



Tritanopia
261C1E

Trichromacy



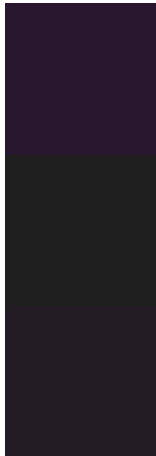
Original Color
291730

Protanomaly
1B1B34

Deuteranomaly
1E1B2F

Tritanomaly
271A25

Monochromacy



Original Color
291730

Achromatopsia
1F1F1F

Achromatomaly
231C25

CSS Examples

Text

The CSS property to change the color of the text to Hex 291730 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 #291730 looks like.

```
.text, #text, p{  
    color:#291730  
}
```

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 #291730 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #291730
}
```

Border

The CSS property to change the border of an element to Hex 291730 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
#291730 }
```

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

```
.border{ border-color:#291730 }
```

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

Here you see how a box with a 4 pixel #291730 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #291730; -webkit-box-shadow:4px 4px  
4px 4px #291730; box-shadow:4px 4px 4px  
4px #291730 }
```

Background

The CSS property to change the background color of an element to Hex 291730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#291730 }
```

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

```
.background{ background-color:#291730 }
```

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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