

Converting Colors

Hex(290014)

Have a look what the booklet for
Hex(290014) contains.

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Color

Hex(290014)

Conversions

Conversions Part 1

Format	Color
Hex	290014
RGB	41, 0, 20
RGB Percent	16%, 0%, 8%
CMY	0.8392, 1.0000, 0.9216
CMYK	0.00, 1.00, 0.51, 0.84
HSL	331°, 100%, 8%
HSV	331°, 100%, 16%
XYZ	1.0407, 0.5219, 0.7077
YIQ	14.5390, 18.0160, 14.9120

Conversions

Conversions Part 2

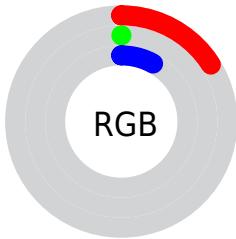
Format	Color
RYB	41, 0, 20
Decimal	2686996
CIELab	4.71, 21.74, -1.99
CIELCh	5, 21.833, 354.759
Yxy	0.5219, 0.4584, 0.2299
Android (android.graphics.Color)	4280877076 (0xFF290014)
YUV	14.5390, 2.6923, 23.2063
Hunter-Lab	7.2244, 13.0711, -0.7510

Details

The Hex color **290014** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **002915**, and the grayscale version is **0F0F0F**.

A 20% lighter version of the original color is **582D3E**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **290014**, and if you desaturate by 10%, it is **290416**.

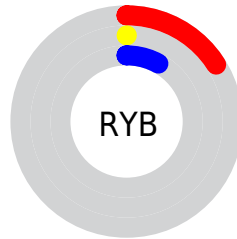
Distribution



Red (16%)

Green (0%)

Blue (8%)



Red (16%)

Yellow (0%)

Blue (8%)

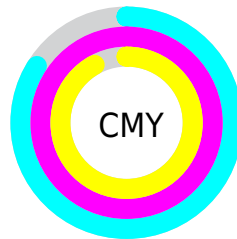


Cyan (0%)

Magenta (100%)

Yellow (51%)

Black (84%)



Cyan (84%)

Magenta (100%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 290014 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 290014 by changing the saturation by 10% instead.

 290014

 290014

 FFE1F4

 000000

 582D3E

 714455

 8B5C6E

 A67587

 C18FA1

 DEAABC

 FBC5D8

 290014

■ 290416

■ 290818

■ 290C1A

■ 29101C

■ 29141F

■ 291921

■ 291D23

■ 292125

■ 292527

Harmonies

Analogous

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



200522



290014



2B0100

Triad

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



290014



031400



001728

Complementary

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



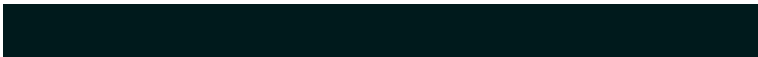
290014



002915

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.



001A1C



290014



001800

Square

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



290014



190E00



00190B



00132D

Rectangle

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



290014



270400



00190B



001825

Sweetspot

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



290014



36252D



140029



1C1217



9C9C9C



1C1C1C

Same Dimension

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



290014



36001A



290000



141213



540029



D40067

Inverse Universe

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



290014



36001A



002929



141213



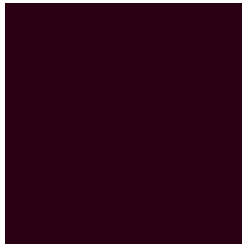
540029



D40067

Previews

White Background



This preview shows how the Hex color 290014 looks on a white background.

Color Contrast Check

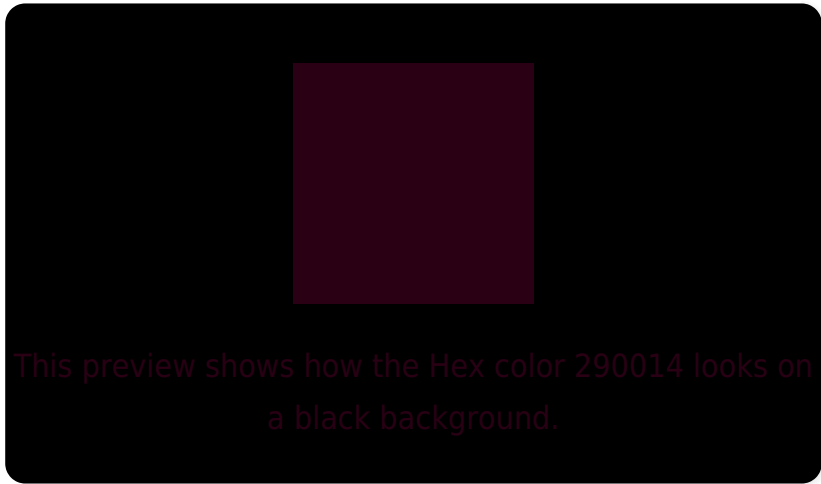
Large Text (above 18pt) WCAG AA ✓ Pass

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

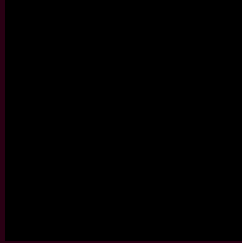
Any Text WCAG AA × Fail

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 290014 Background



This preview shows how black text looks on a background with the Hex color 290014.



This preview shows how white text looks on a background with the Hex color 290014.

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
290014

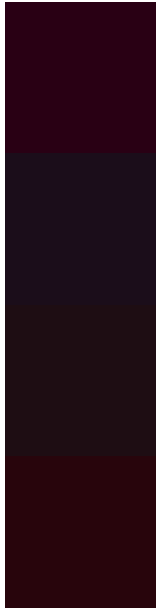
Protanopia
13151D

Deuteranopia
181412



Tritanopia
280808

Trichromacy



Original Color
290014

Protanomaly
1B0D1A

Deuteranomaly
1E0D13

Tritanomaly
28050C

Monochromacy



Original Color
290014

Achromatopsia
0F0F0F

Achromatomaly
180A11

CSS Examples

Text

The CSS property to change the color of the text to Hex 290014 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 #290014 looks like.

```
.text, #text, p{  
    color:#290014  
}
```

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 #290014 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #290014
}
```

Border

The CSS property to change the border of an element to Hex 290014 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".

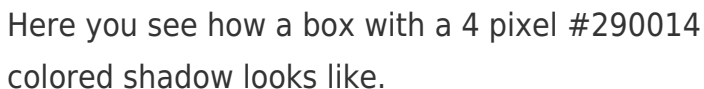
```
.border, #border, table{ border:4px solid
#290014 }
```

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

```
.border{ border-color:#290014 }
```

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

Here you see how a box with a 4 pixel #290014 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is visible on the right and bottom edges of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #290014; -webkit-box-shadow:4px 4px  
4px 4px #290014; box-shadow:4px 4px 4px  
4px #290014 }
```

Background

The CSS property to change the background color of an element to Hex 290014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#290014 }
```

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

```
.background{ background-color:#290014 }
```

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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