

Converting Colors

Hex(290010)

Have a look what the booklet for
Hex(290010) contains.

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Color

Hex(290010)

Conversions

Conversions Part 1

Format	Color
Hex	290010
RGB	41, 0, 16
RGB Percent	16%, 0%, 6%
CMY	0.8392, 1.0000, 0.9373
CMYK	0.00, 1.00, 0.61, 0.84
HSL	337°, 100%, 8%
HSV	337°, 100%, 16%
XYZ	1.0080, 0.5088, 0.5353
YIQ	14.0830, 19.3000, 13.6680

Conversions

Conversions Part 2

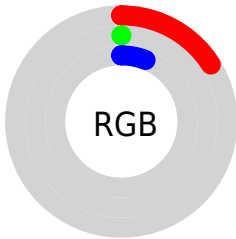
Format	Color
RYB	41, 0, 16
Decimal	2686992
CIELab	4.60, 21.08, 0.27
CIELCh	5, 21.077, 0.728
Yxy	0.5088, 0.4912, 0.2480
Android (android.graphics.Color)	4280877072 (0xFF290010)
YUV	14.0830, 0.9451, 23.6062
Hunter-Lab	7.1332, 12.7403, 0.5439

Details

The Hex color **290010** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **002919**, and the grayscale version is **0E0E0E**.

A 20% lighter version of the original color is **582E3B**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **290010**, and if you desaturate by 10%, it is **290413**.

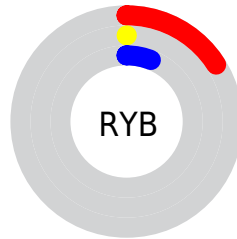
Distribution



Red (16%)

Green (0%)

Blue (6%)



Red (16%)

Yellow (0%)

Blue (6%)

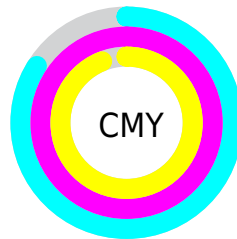


Cyan (0%)

Magenta (100%)

Yellow (61%)

Black (84%)



Cyan (84%)

Magenta (100%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 290010 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 290010 by changing the saturation by 10% instead.

 290010

 290010

 FFE1F0

 000000

 582E3B

 714452

 8B5C6A

 A67583

 C18F9D

 DEAAB8

 FBC5D3

 290010

■ 290413

■ 290815

■ 290C18

■ 29101A

■ 29141D

■ 29191F

■ 291D22

■ 292124

■ 292527

Harmonies

Analogous

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



22031E



290010



290200

Triad

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



290010



001500



001628

Complementary

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



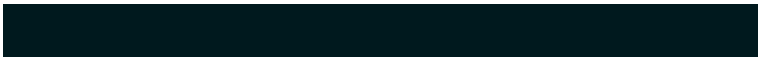
290010



002919

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.



00191E



290010



001800

Square

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



290010



150F00



001910



00112C

Rectangle

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



290010



250600



001910



001726

Sweetspot

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



290010



36252C



190029



1C1216



9C9C9C



1C1C1C

Same Dimension

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



290010



360015



290400



141213



540021



D40053

Inverse Universe

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



290010



360015



002529



141213



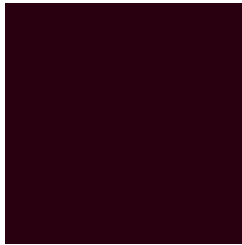
540021



D40053

Previews

White Background



This preview shows how the Hex color 290010 looks on a white background.

Color Contrast Check

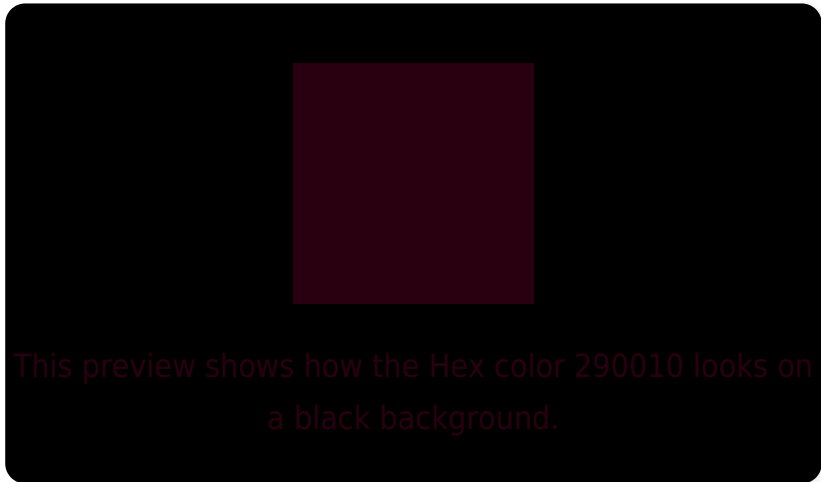
Large Text (above 18pt) WCAG AA ✓ Pass

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

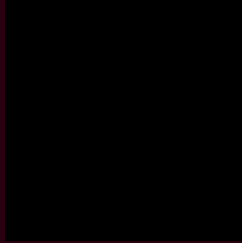
Any Text WCAG AA × Fail

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 290010 Background



This preview shows how black text looks on a background with the Hex color 290010.



This preview shows how white text looks on a background with the Hex color 290010.

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](#).

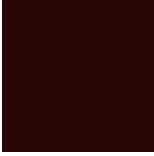
Dichromacy



Original Color
290010

Protanopia
151517

Deuteranopia
19140E



Tritanopia
290606

Trichromacy



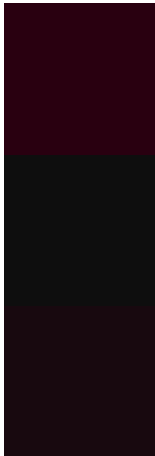
Original Color
290010

Protanomaly
1C0D14

Deuteranomaly
1F0D0F

Tritanomaly
29040A

Monochromacy



Original Color
290010

Achromatopsia
0E0E0E

Achromatomaly
18090F

CSS Examples

Text

The CSS property to change the color of the text to Hex 290010 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 #290010 looks like.

```
.text, #text, p{  
    color:#290010  
}
```

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 #290010 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #290010
}
```

Border

The CSS property to change the border of an element to Hex 290010 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
#290010 }
```

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

```
.border{ border-color:#290010 }
```

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

Here you see how a box with a 4 pixel #290010 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #290010; -webkit-box-shadow:4px 4px  
4px 4px #290010; box-shadow:4px 4px 4px  
4px #290010 }
```

Background

The CSS property to change the background color of an element to Hex 290010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#290010 }
```

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

```
.background{ background-color:#290010 }
```

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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