

Converting Colors

Hex(290C13)

Have a look what the booklet for
Hex(290C13) contains.

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Color

Hex(290C13)

Conversions

Conversions Part 1

Format	Color
Hex	290C13
RGB	41, 12, 19
RGB Percent	16%, 5%, 7%
CMY	0.8392, 0.9529, 0.9255
CMYK	0.00, 0.71, 0.54, 0.84
HSL	346°, 55%, 10%
HSV	346°, 71%, 16%
XYZ	1.1635, 0.7814, 0.7056
YIQ	21.4690, 15.0370, 8.3250

Conversions

Conversions Part 2

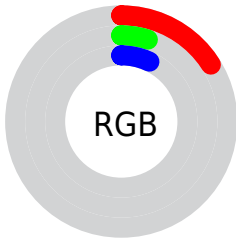
Format	Color
RYB	41, 12, 19
Decimal	2690067
CIELab	7.06, 15.84, 2.08
CIELCh	7, 15.980, 7.468
Yxy	0.7814, 0.4390, 0.2948
Android (android.graphics.Color)	4280880147 (0xFF290C13)
YUV	21.4690, -1.2172, 17.1287
Hunter-Lab	8.8396, 8.0250, 1.4550

Details

The Hex color **290C13** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **0C2922**, and the grayscale version is **151515**.

A 20% lighter version of the original color is **58373D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **290810**, and if you desaturate by 10%, it is **291016**.

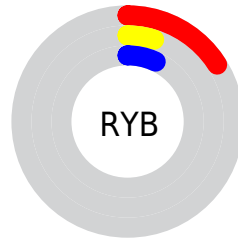
Distribution



Red (16%)

Green (5%)

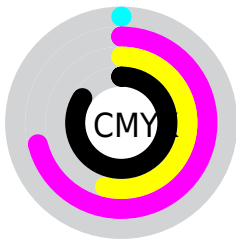
Blue (7%)



Red (16%)

Yellow (5%)

Blue (7%)

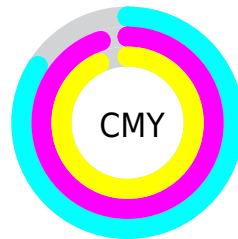


Cyan (0%)

Magenta (71%)

Yellow (54%)

Black (84%)



Cyan (84%)

Magenta (95%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 290C13 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 290C13 by changing the saturation by 10% instead.

 290C13

 290C13

 FFECF3

 080000

 58373D

 000000

 714E54

 8B666D

 A57F86

 C199A0

 DDB4BB

 FAD0D7

 290C13

 290C13

■ 290810

■ 291016

■ 29040D

■ 291419

■ 29000A

■ 29181C

■ 291C1F

■ 292123

■ 292526

■ 292929

■ 292D2C

■ 29312F

Harmonies

Analogous

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



250E1E



290C13



290E03

Triad

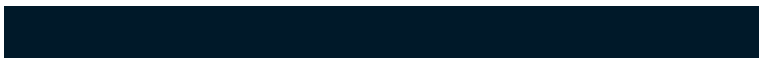
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



290C13



0E1900



001929

Complementary

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



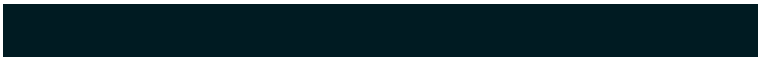
290C13



0C2922

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.



001B22



290C13



001B0A

Square

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



290C13



1A1600



001C18



07162A

Rectangle

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



290C13



261000



001C18



001A27

Sweetspot

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



290C13



362A2D



220C29



1C1517



9C9C9C



1C1C1C

Same Dimension

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



290C13



360813



29130C



141213



540014



D40033

Inverse Universe

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



290C13



360813



0C2229



141213



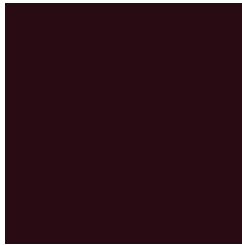
540014



D40033

Previews

White Background



This preview shows how the Hex color 290C13 looks on a white background.

Color Contrast Check

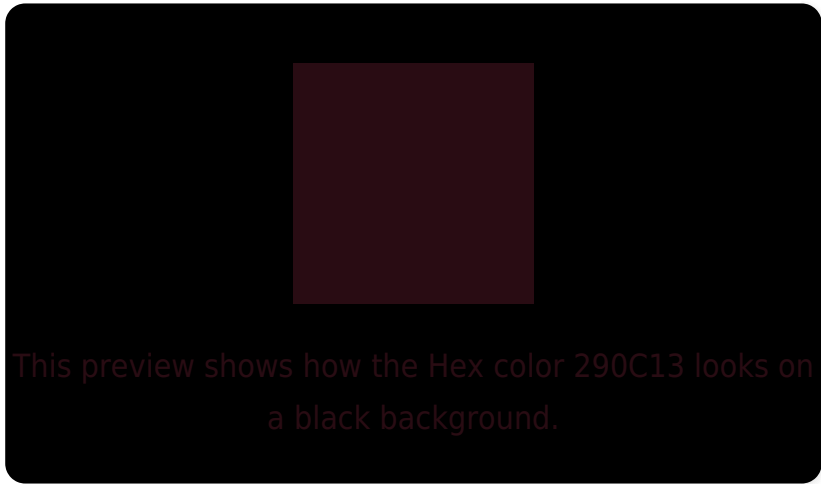
Large Text (above 18pt) WCAG AA ✓ Pass

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

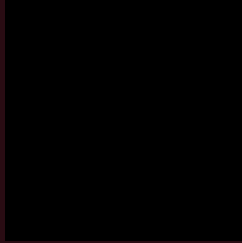
Any Text WCAG AA × Fail

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 290C13 Background



This preview shows how black text looks on a background with the Hex color 290C13.

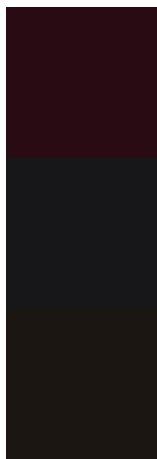


This preview shows how white text looks on a background with the Hex color 290C13.

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
290C13

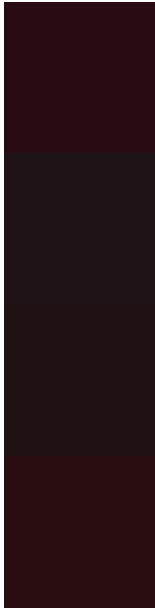
Protanopia
171719

Deuteranopia
1B1612



Tritanopia
290D0E

Trichromacy



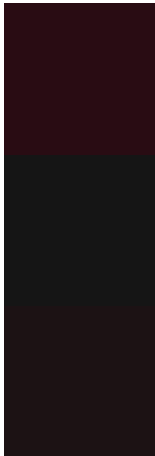
Original Color
290C13

Protanomaly
1E1317

Deuteranomaly
201212

Tritanomaly
290D10

Monochromacy



Original Color
290C13

Achromatopsia
151515

Achromatomaly
1C1214

CSS Examples

Text

The CSS property to change the color of the text to Hex 290C13 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 #290C13 looks like.

```
.text, #text, p{  
    color:#290C13  
}
```

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 #290C13 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #290C13
}
```

Border

The CSS property to change the border of an element to Hex 290C13 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".

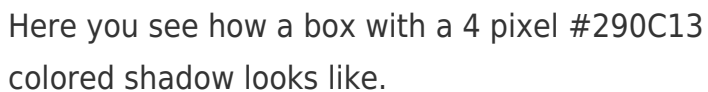
```
.border, #border, table{ border:4px solid
#290C13 }
```

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

```
.border{ border-color:#290C13 }
```

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

Here you see how a box with a 4 pixel #290C13 colored shadow looks like.

A rectangular box with a dark blue border and a dark blue shadow. The box is white with a thin dark blue border and a thicker dark blue shadow on the right and bottom sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #290C13; -webkit-box-shadow:4px 4px  
4px 4px #290C13; box-shadow:4px 4px 4px  
4px #290C13 }
```

Background

The CSS property to change the background color of an element to Hex 290C13 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#290C13 }
```

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

```
.background{ background-color:#290C13 }
```

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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