

Converting Colors

Hex(290A5C)

Have a look what the booklet for
Hex(290A5C) contains.

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Color

Hex(290A5C)

Conversions

Conversions Part 1

Format	Color
Hex	290A5C
RGB	41, 10, 92
RGB Percent	16%, 4%, 36%
CMY	0.8392, 0.9608, 0.6392
CMYK	0.55, 0.89, 0.00, 0.64
HSL	263°, 80%, 20%
HSV	263°, 89%, 36%
XYZ	2.9548, 1.4612, 10.2515
YIQ	28.6170, -7.8460, 32.0740

Conversions

Conversions Part 2

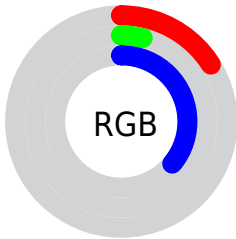
Format	Color
RYB	41, 10, 92
Decimal	2689628
CIELab	12.36, 34.98, -42.09
CIElCh	12, 54.727, 309.727
Yxy	1.4612, 0.2014, 0.0996
Android (android.graphics.Color)	4280879708 (0xFF290A5C)
YUV	28.6170, 31.2478, 10.8599
Hunter-Lab	12.0880, 22.4779, -41.8206




Details

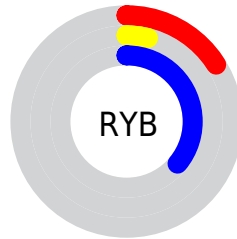
The Hex color **290A5C** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **3D5C0A**, and the grayscale version is **1C1C1C**.




A 20% lighter version of the original color is **5D398F**, and **00022D** is the 20% darker color. If you saturate the color by 10%, you get **23015C**, and if you desaturate by 10%, it is **2F135C**.

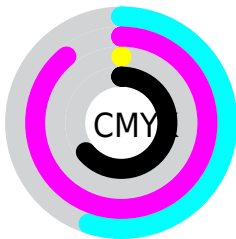
Distribution







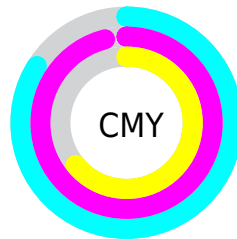
-  Red (16%)
-  Green (4%)
-  Blue (36%)






-  Red (16%)
-  Yellow (4%)
-  Blue (36%)



-  Cyan (55%)
-  Magenta (89%)
-  Yellow (0%)
-  Black (64%)



-  Cyan (84%)
-  Magenta (96%)
-  Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 290A5C 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 290A5C by changing the saturation by 10% instead.

 290A5C

 290A5C

 FFF1FF

 100044

 5D398F

 00022D

 7851AA

 000117

 936AC6

 000000

 AE83E2

 CA9EFF

 E7B9FF

 FFD5FF

 290A5C

 290A5C

■ 23015C

■ 2F135C

■ 23005C

■ 341C5C

■ 3A265C

■ 402F5C

■ 46385C

■ 4B415C

■ 514A5C

■ 57545C

■ 5C5D5C

Harmonies

Analogous

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



00236E



290A5C



52003B

Triad

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



290A5C



3D1300



002F2C

Complementary

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



290A5C



3D5C0A

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.



002E00



290A5C



1E2300

Square

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



290A5C



530000



002A00



002F51

Rectangle

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



290A5C



5C0023



002A00



002F1F

Sweetspot

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



290A5C



645778



0A3E5C



312A3D



BDBDBD



3D3D3D

Same Dimension

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



290A5C



2D0078



510A5C



2B292E



29006E



5A00ED

Inverse Universe

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



5C0A3D



78004B



155C0A



2E292C



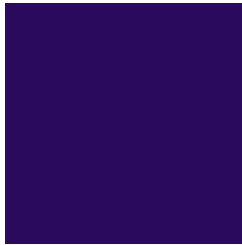
6E0044



ED0093

Previews

White Background



This preview shows how the Hex color 290A5C looks on a white background.

Color Contrast Check

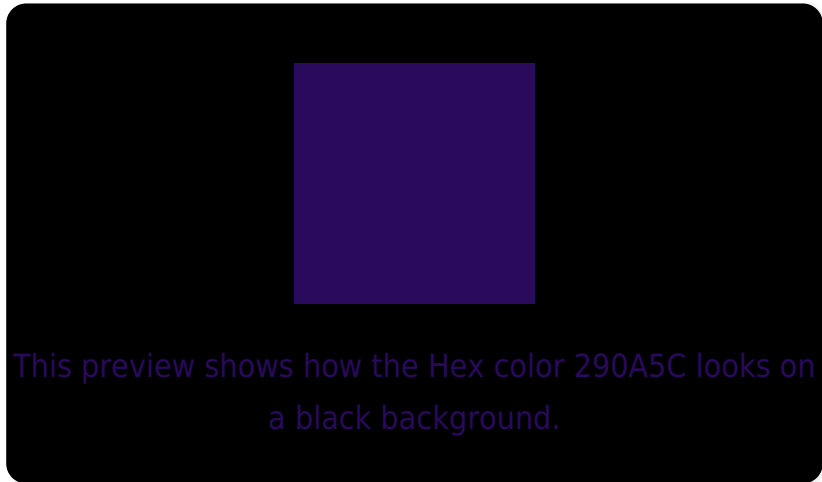
Large Text (above 18pt) WCAG AA ✓ Pass

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

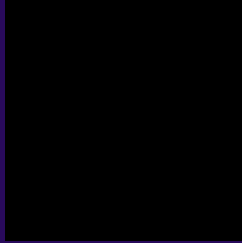
Any Text WCAG AA × Fail

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 290A5C Background



This preview shows how black text looks on a background with the Hex color 290A5C.



This preview shows how white text looks on a background with the Hex color 290A5C.

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
290A5C

Protanopia
002146

Deuteranopia
00233C



Tritanopia
162528

Trichromacy



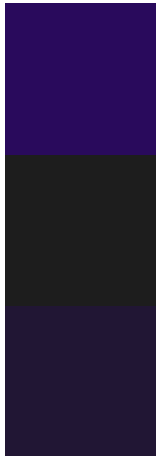
Original Color
290A5C

Protanomaly
0F194E

Deuteranomaly
0F1A48

Tritanomaly
1D1B3B

Monochromacy



Original Color
290A5C

Achromatopsia
1D1D1D

Achromatomaly
211634

CSS Examples

Text

The CSS property to change the color of the text to Hex 290A5C 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 #290A5C looks like.

```
.text, #text, p{  
    color:#290A5C  
}
```

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 #290A5C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #290A5C
}
```

Border

The CSS property to change the border of an element to Hex 290A5C is called "border". The border property can be set on classes, ids or directly on the HTML element.

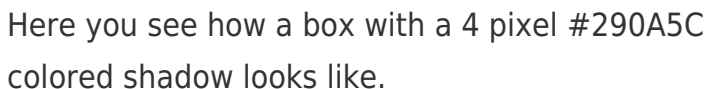
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#290A5C }
```

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

```
.border{ border-color:#290A5C }
```

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



Here you see how a box with a 4 pixel #290A5C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #290A5C; -webkit-box-shadow:4px 4px  
4px 4px #290A5C; box-shadow:4px 4px 4px  
4px #290A5C }
```

Background

The CSS property to change the background color of an element to Hex 290A5C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#290A5C }
```

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

```
.background{ background-color:#290A5C }
```

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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