

Converting Colors

Hex(291A10)

Have a look what the booklet for
Hex(291A10) contains.

Hex(291A10)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(291A10)

Conversions

Conversions Part 1

Format	Color
Hex	291A10
RGB	41, 26, 16
RGB Percent	16%, 10%, 6%
CMY	0.8392, 0.8980, 0.9373
CMYK	0.00, 0.37, 0.61, 0.84
HSL	24°, 44%, 11%
HSV	24°, 61%, 16%
XYZ	1.3774, 1.2476, 0.6584
YIQ	29.3450, 12.1500, 0.0700

Conversions

Conversions Part 2

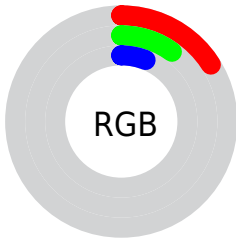
Format	Color
R_{YB}	41, 33, 16
Decimal	2693648
CIE Lab	10.90, 5.94, 9.38
CIE LCh	11, 11.102, 57.683
Yxy	1.2476, 0.4195, 0.3800
Android (android.graphics.Color)	4280883728 (0xFF291A10)
YUV	29.3450, -6.5791, 10.2214
Hunter-Lab	11.1697, 2.4645, 4.3237

Details

The Hex color **291A10** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **101F29**, and the grayscale version is **1D1D1D**.

A 20% lighter version of the original color is **57453A**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **29180C**, and if you desaturate by 10%, it is **291C14**.

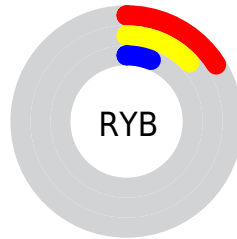
Distribution



Red (16%)

Green (10%)

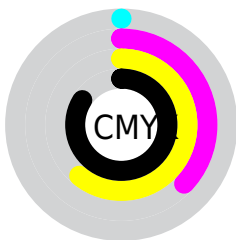
Blue (6%)



Red (16%)

Yellow (13%)

Blue (6%)

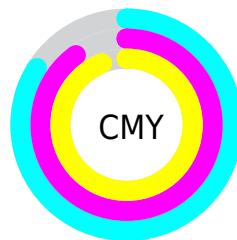


Cyan (0%)

Magenta (37%)

Yellow (61%)

Black (84%)



Cyan (84%)

Magenta (90%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 291A10 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 291A10 by changing the saturation by 10% instead.

■ 291A10

■ 291A10

■ FFFDF0

■ 120000

■ 57453A

■ 000000

■ 705D51

■ 8A756A

■ A48F83

■ BFA99D

■ DBC5B8

■ F8E1D3

■ 291A10

■ 291A10

■ 29180C

■ 291C14

■ 291508

■ 291F18

■ 291304

■ 29211C

■ 291000

■ 292420

■ 292625

■ 292929

■ 292B2D

■ 292E31

■ 293035

Harmonies

Analogous

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



2C1817



291A10



231D0C

Triad

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



291A10



09211C



1D1C2B

Complementary

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



291A10



101F29

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.



121E2C



291A10



032124

Square

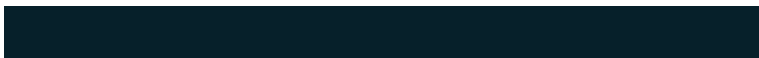
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



291A10



122115



06202A



261925

Rectangle

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



291A10



1E1E0D



06202A



1A1C2C

Sweetspot

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



291A10



36302C



29101F



1C1816



9C9C9C



1C1C1C

Same Dimension

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



291A10



361E0E



292610



141312



542200



D45500

Inverse Universe

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



101F29



0E2636



101229



121414



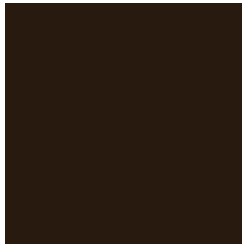
003254



007FD4

Previews

White Background



This preview shows how the Hex color 291A10 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

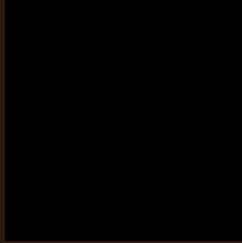
Any Text WCAG AA × Fail

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 291A10 Background



This preview shows how black text looks on a background with the Hex color 291A10.



This preview shows how white text looks on a background with the Hex color 291A10.

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

291A10

Protanopia

201E11

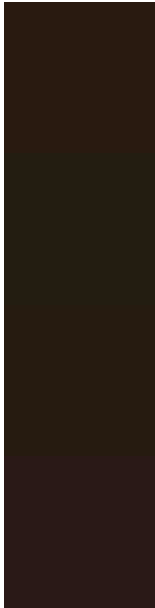
Deuteranopia

241C10



Tritanopia
2A191B

Trichromacy



Original Color
291A10

Protanomaly
231D11

Deuteranomaly
261B10

Tritanomaly
2A1917

Monochromacy



Original Color
291A10

Achromatopsia
1D1D1D

Achromatomaly
211C18

CSS Examples

Text

The CSS property to change the color of the text to Hex 291A10 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 #291A10 looks like.

```
.text, #text, p{  
    color:#291A10  
}
```

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 #291A10 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #291A10
}
```

Border

The CSS property to change the border of an element to Hex 291A10 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
#291A10 }
```

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

```
.border{ border-color:#291A10 }
```

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

Here you see how a box with a 4 pixel #291A10 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #291A10; -webkit-box-shadow:4px 4px  
4px 4px #291A10; box-shadow:4px 4px 4px  
4px #291A10 }
```

Background

The CSS property to change the background color of an element to Hex 291A10 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#291A10 }
```

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

```
.background{ background-color:#291A10 }
```

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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