

Converting Colors

Hex(291F42)

Have a look what the booklet for
Hex(291F42) contains.

Hex(291F42)	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(291F42)

Conversions

Conversions Part 1

Format	Color
Hex	291F42
RGB	41, 31, 66
RGB Percent	16%, 12%, 26%
CMY	0.8392, 0.8784, 0.7412
CMYK	0.38, 0.53, 0.00, 0.74
HSL	257°, 36%, 19%
HSV	257°, 53%, 26%
XYZ	2.3878, 1.8447, 5.3845
YIQ	37.9800, -5.2750, 13.0050

Conversions

Conversions Part 2

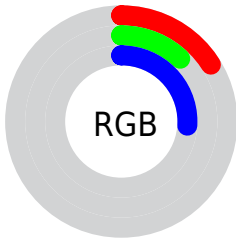
Format	Color
R_YB	41, 31, 66
Decimal	2694978
CIE Lab	14.65, 14.33, -20.56
CIE LCh	15, 25.062, 304.861
Yxy	1.8447, 0.2483, 0.1918
Android (android.graphics.Color)	4280885058 (0xFF291F42)
YUV	37.9800, 13.8139, 2.6485
Hunter-Lab	13.5821, 7.6125, -13.9974

Details

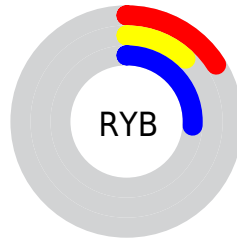
The Hex color **291F42** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **38421F**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **584B72**, and **000117** is the 20% darker color. If you saturate the color by 10%, you get **241842**, and if you desaturate by 10%, it is **2E2642**.

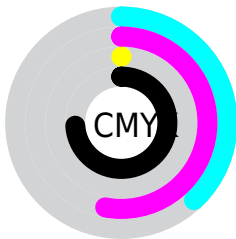
Distribution



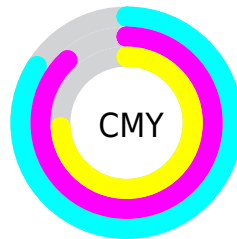
- Red (16%)
- Green (12%)
- Blue (26%)



- Red (16%)
- Yellow (12%)
- Blue (26%)



- Cyan (38%)
- Magenta (53%)
- Yellow (0%)
- Black (74%)



- Cyan (84%)
- Magenta (88%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 291F42 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 291F42 by changing the saturation by 10% instead.

■ 291F42

■ 291F42

FFFFFF

■ 15082C

■ 584B72

■ 000117

■ 71638C

■ 000000

■ 8A7CA6

■ A596C2

■ C0B0DD

■ DCCCFA

■ F9E8FF

■ 291F42

■ 291F42

■ 241842

■ 2E2642

■ 201242

■ 322C42

■ 1B0B42

■ 373342

■ 160542

■ 3C3942

■ 130042

■ 414042

■ 454742

■ 4A4D42

■ 4F5442

■ 535A42

Harmonies

Analogous

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



002648



291F42



3C1734

Triad

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



291F42



3A1E00



002D27

Complementary

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



291F42



38421F

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.



002C15



291F42



2C2500

Square

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



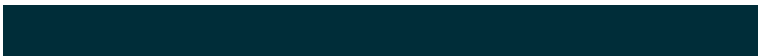
291F42



431711



1A2A01



002D39

Rectangle

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



291F42



431429



1A2A01



002D21

Sweetspot

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



291F42



4D4957



1F3842



25232B



ABABAB



2B2B2B

Same Dimension

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



291F42



2F1F57



3A1F42



1F1E21



1C0061



4000E0

Inverse Universe

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



421F38



571F47



27421F



211E20



610045



E000A0

Previews

White Background



This preview shows how the Hex color 291F42 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

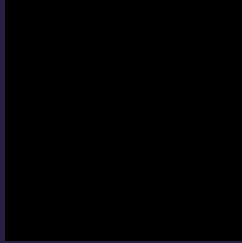
Any Text WCAG AA × Fail

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 291F42 Background



This preview shows how black text looks on a background with the Hex color 291F42.



This preview shows how white text looks on a background with the Hex color 291F42.

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](#).

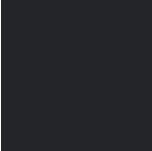
Dichromacy



Original Color
291F42

Protanopia
112447

Deuteranopia
102641



Tritanopia
232528

Trichromacy



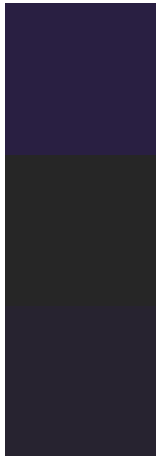
Original Color
291F42

Protanomaly
1A2245

Deuteranomaly
192341

Tritanomaly
252331

Monochromacy



Original Color
291F42

Achromatopsia
262626

Achromatomaly
272330

CSS Examples

Text

The CSS property to change the color of the text to Hex 291F42 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 #291F42 looks like.

```
.text, #text, p{  
    color:#291F42  
}
```

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 #291F42 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #291F42
}
```

Border

The CSS property to change the border of an element to Hex 291F42 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
#291F42 }
```

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

```
.border{ border-color:#291F42 }
```

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

Here you see how a box with a 4 pixel #291F42 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #291F42; -webkit-box-shadow:4px 4px  
4px 4px #291F42; box-shadow:4px 4px 4px  
4px #291F42 }
```

Background

The CSS property to change the background color of an element to Hex 291F42 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#291F42 }
```

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

```
.background{ background-color:#291F42 }
```

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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