

Converting Colors

Hex(292711)

Have a look what the booklet for
Hex(292711) contains.

Hex(292711)	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(292711)

Conversions

Conversions Part 1

Format	Color
Hex	292711
RGB	41, 39, 17
RGB Percent	16%, 15%, 7%
CMY	0.8392, 0.8471, 0.9333
CMYK	0.00, 0.05, 0.59, 0.84
HSL	55°, 41%, 11%
HSV	55°, 59%, 16%
XYZ	1.7411, 1.9629, 0.8174
YIQ	37.0900, 8.2540, -6.4180

Conversions

Conversions Part 2

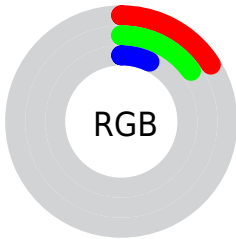
Format	Color
RYB	19, 41, 17
Decimal	2696977
CIELab	15.29, -3.07, 14.67
CIELCh	15, 14.990, 101.821
Yxy	1.9629, 0.3851, 0.4341
Android (android.graphics.Color)	4280887057 (0xFF292711)
YUV	37.0900, -9.9044, 3.4291
Hunter-Lab	14.0104, -2.3352, 6.3481

Details

The Hex color **292711** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **111329**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **57543C**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **29270D**, and if you desaturate by 10%, it is **292715**.

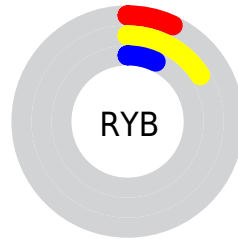
Distribution



Red (16%)

Green (15%)

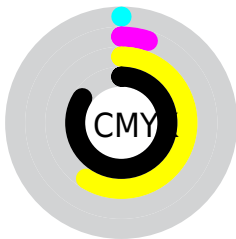
Blue (7%)



Red (7%)

Yellow (16%)

Blue (7%)

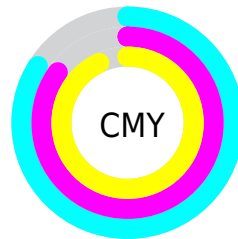


Cyan (0%)

Magenta (5%)

Yellow (59%)

Black (84%)



Cyan (84%)

Magenta (85%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 292711 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 292711 by changing the saturation by 10% instead.



292711



292711



FFFFFF2



131300



57543C



000000



706C53



89856B



A49F84



BFBA9E



DBD6B9



F7F2D5



292711



292711

■ 29270D

■ 292715

■ 292609

■ 292819

■ 292605

■ 29281D

■ 292601

■ 292821

■ 292600

■ 292925

■ 29292A

■ 29292E

■ 292A32

■ 292A36

Harmonies

Analogous

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



332312



292711



1D2A16

Triad

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



292711



002B34



371F2D

Complementary

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



292711



111329

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.



2D2236



292711



09293A

Square

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



292711



002C2A



1D263B



3B1E22

Rectangle

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



292711



142B1C



1D263B



342030

Sweetspot

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



292711



36352C



291113



1C1C16



9C9C9C



1C1C1C

Same Dimension

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



292711



363210



1F2911



141412



544D00



D4C200

Inverse Universe

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



111329



101336



1B1129



121314



000754



0012D4

Previews

White Background



This preview shows how the Hex color 292711 looks on a white background.

Color Contrast Check

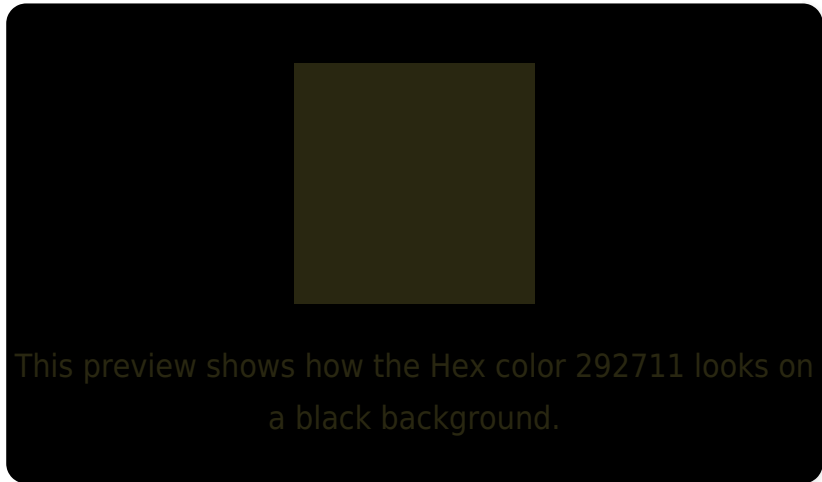
Large Text (above 18pt) WCAG AA ✓ Pass

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

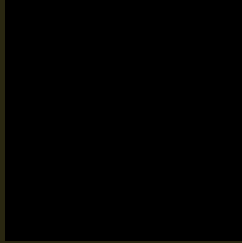
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

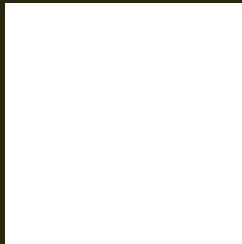
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 292711 Background



This preview shows how black text looks on a background with the Hex color 292711.

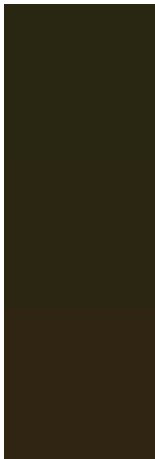


This preview shows how white text looks on a background with the Hex color 292711.

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
292711

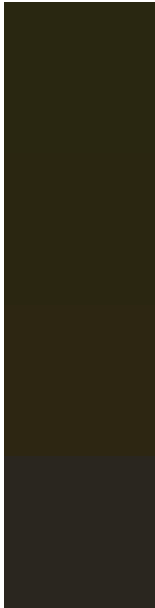
Protanopia
2B2611

Deuteranopia
2F2512



Tritanopia
2B2527

Trichromacy



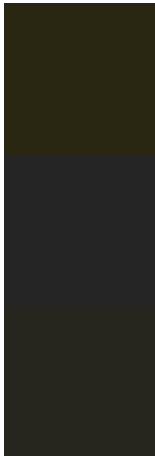
Original Color
292711

Protanomaly
2A2611

Deuteranomaly
2D2612

Tritanomaly
2A261F

Monochromacy



Original Color
292711

Achromatopsia
252525

Achromatomaly
26261E

CSS Examples

Text

The CSS property to change the color of the text to Hex 292711 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 #292711 looks like.

```
.text, #text, p{  
    color:#292711  
}
```

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 #292711 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #292711
}
```

Border

The CSS property to change the border of an element to Hex 292711 is called "border". The border property can be set on classes, ids or directly on the HTML element.

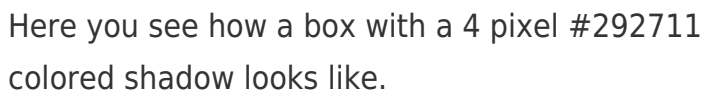
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#292711 }
```

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

```
.border{ border-color:#292711 }
```

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



Here you see how a box with a 4 pixel #292711 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #292711; -webkit-box-shadow:4px 4px  
4px 4px #292711; box-shadow:4px 4px 4px  
4px #292711 }
```

Background

The CSS property to change the background color of an element to Hex 292711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#292711 }
```

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

```
.background{ background-color:#292711 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor