

Converting Colors

Hex(292B00)

Have a look what the booklet for
Hex(292B00) contains.

Hex(292B00)	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(292B00)

Conversions

Conversions Part 1

Format	Color
Hex	292B00
RGB	41, 43, 0
RGB Percent	16%, 17%, 0%
CMY	0.8392, 0.8314, 1.0000
CMYK	0.05, 0.00, 1.00, 0.83
HSL	63°, 100%, 8%
HSV	63°, 100%, 17%
XYZ	1.7783, 2.1992, 0.3308
YIQ	37.5000, 12.6110, -13.7970

Conversions

Conversions Part 2

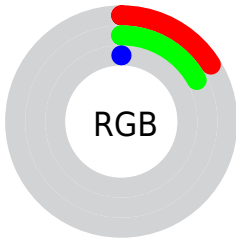
Format	Color
R_{YB}	0, 43, 2
Decimal	2697984
CIE Lab	16.50, -7.35, 23.72
CIE LCh	16, 24.828, 107.211
Yxy	2.1992, 0.4128, 0.5105
Android (android.graphics.Color)	4280888064 (0xFF292B00)
YUV	37.5000, -18.4875, 3.0695
Hunter-Lab	14.8296, -4.5465, 9.0583

Details

The Hex color **292B00** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **02002B**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **57582F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **292B00**, and if you desaturate by 10%, it is **292B04**.

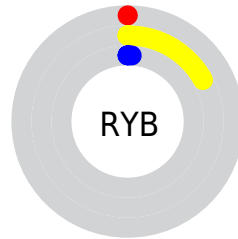
Distribution



Red (16%)

Green (17%)

Blue (0%)



Red (0%)

Yellow (17%)

Blue (1%)

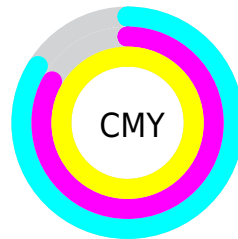


Cyan (5%)

Magenta (0%)

Yellow (100%)

Black (83%)



Cyan (84%)

Magenta (83%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 292B00 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 292B00 by changing the saturation by 10% instead.

 292B00

 292B00

 FFFFE3

 101700

 57582F

 000000

 707146

 8A8A5E

 A5A477

 C0BF91

 DCDBAB

 F9F8C7

 292B00

■ 292B04

■ 292B09

■ 2A2B0D

■ 2A2B11

■ 2A2B16

■ 2A2B1A

■ 2A2B1E

■ 2B2B22

■ 2B2B27

Harmonies

Analogous

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



392500



292B00



132F0F

Triad

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



292B00



003042



451931

Complementary

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



292B00



02002B

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.



372041



292B00



002D4B

Square

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



292B00



003133



1B274B



49191F

Rectangle

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



292B00



00301A



1B274B



411B37

Sweetspot

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



292B00



373827



2B0100



1C1C12



9C9C9C



1C1C1C

Same Dimension

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



292B00



353800



142B00



141412



505400



CAD400

Inverse Universe

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



02002B



030038



17002B



121214



040054



0A00D4

Previews

White Background



This preview shows how the Hex color 292B00 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

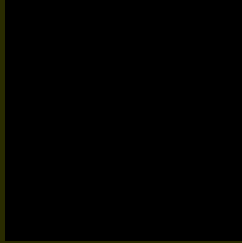
Any Text WCAG AA × Fail

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 292B00 Background



This preview shows how black text looks on a background with the Hex color 292B00.

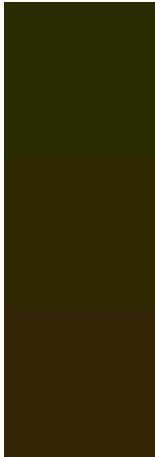


This preview shows how white text looks on a background with the Hex color 292B00.

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
292B00

Protanopia
2E2900

Deuteranopia
342707



Tritanopia
2C282B

Trichromacy



Original Color
292B00

Protanomaly
2C2A00

Deuteranomaly
302804

Tritanomaly
2B291B

Monochromacy



Original Color
292B00

Achromatopsia
262626

Achromatomaly
272818

CSS Examples

Text

The CSS property to change the color of the text to Hex 292B00 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 #292B00 looks like.

```
.text, #text, p{  
    color:#292B00  
}
```

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 #292B00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #292B00
}
```

Border

The CSS property to change the border of an element to Hex 292B00 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".

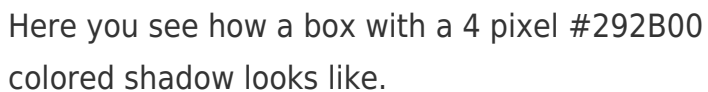
```
.border, #border, table{ border:4px solid
#292B00 }
```

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

```
.border{ border-color:#292B00 }
```

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

Here you see how a box with a 4 pixel #292B00 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #292B00; -webkit-box-shadow:4px 4px  
4px 4px #292B00; box-shadow:4px 4px 4px  
4px #292B00 }
```

Background

The CSS property to change the background color of an element to Hex 292B00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#292B00 }
```

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

```
.background{ background-color:#292B00 }
```

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