

Converting Colors

Hex(295933)

Have a look what the booklet for
Hex(295933) contains.

Hex(295933)	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(295933)

Conversions

Conversions Part 1

Format	Color
Hex	295933
RGB	41, 89, 51
RGB Percent	16%, 35%, 20%
CMY	0.8392, 0.6510, 0.8000
CMYK	0.54, 0.00, 0.43, 0.65
HSL	132°, 37%, 25%
HSV	132°, 54%, 35%
XYZ	5.0844, 7.8552, 4.3802
YIQ	70.3160, -16.4100, -21.9940

Conversions

Conversions Part 2

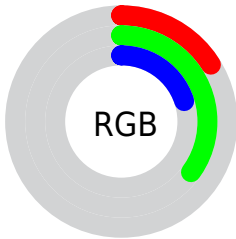
Format	Color
R_{YB}	41, 81, 89
Decimal	2709811
CIE _{Lab}	33.68, -25.74, 17.13
CIE _{LCh}	34, 30.917, 146.364
Yxy	7.8552, 0.2936, 0.4535
Android (android.graphics.Color)	4280899891 (0xFF295933)
YUV	70.3160, -9.5228, -25.7101
Hunter-Lab	28.0271, -16.6659, 10.3529




Details

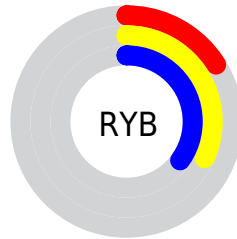
The Hex color **295933** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **59294F**, and the grayscale version is **464646**.




A 20% lighter version of the original color is **5A8B62**, and **002B06** is the 20% darker color. If you saturate the color by 10%, you get **20592C**, and if you desaturate by 10%, it is **32593A**.

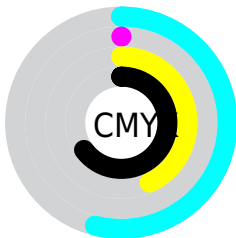
Distribution







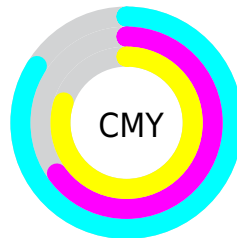
-  Red (16%)
-  Green (35%)
-  Blue (20%)






-  Red (16%)
-  Yellow (32%)
-  Blue (35%)



-  Cyan (54%)
-  Magenta (0%)
-  Yellow (43%)
-  Black (65%)



-  Cyan (84%)
-  Magenta (65%)
-  Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 295933 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 295933 by changing the saturation by 10% instead.

 295933

 295933

FFFFFF

 0F411D

 5A8B62

 002B06

 74A67B

 001500

 8EC195

 000000

 A9DDB0

 C5FACB

 E1FFE7

FEFFFF

 295933

 295933

■ 20592C

■ 32593A

■ 175925

■ 3B5941

■ 0E591E

■ 445948

■ 055917

■ 4D594F

■ 005913

■ 565956

■ 5E595D

■ 675964

■ 70596B

■ 795972

Harmonies

Analogous

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



485421



295933



005B4B

Triad

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



295933



155380



7C3C3B

Complementary

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



295933



59294F

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.



7A3A53



295933



4C4A7B

Square

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



295933



005977



6B406B



724427

Rectangle

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



295933



005C5C



6B406B



7D3B43

Sweetspot

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



295933



607364



4F5929



303B32



BABABA



3B3B3B

Same Dimension

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



295933



287338



29594B



272B28



006B16



00EB31

Inverse Universe

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



59294F



732863



592937



2B272A



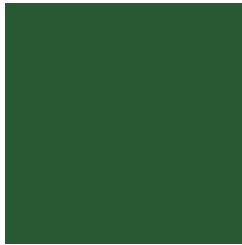
6B0055



EB00BA

Previews

White Background



This preview shows how the Hex color 295933 looks on a white background.

Color Contrast Check

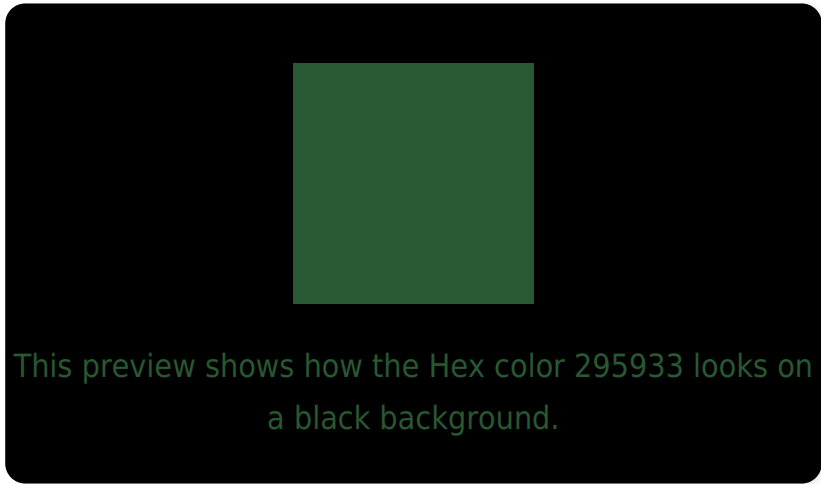
Large Text (above 18pt) WCAG AA ✓ Pass

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

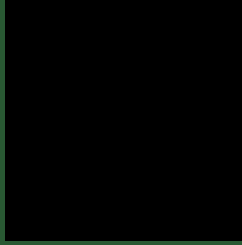
Any Text WCAG AA × Fail

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 295933 Background



This preview shows how black text looks on a background with the Hex color 295933.



This preview shows how white text looks on a background with the Hex color 295933.

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
295933

Protanopia
564F2F

Deuteranopia
5E4C36



Tritanopia
33545B

Trichromacy



Original Color
295933

Protanomaly
465330

Deuteranomaly
4B5135

Tritanomaly
2F564C

Monochromacy



Original Color
295933

Achromatopsia
464646

Achromatomaly
3B4D3F

CSS Examples

Text

The CSS property to change the color of the text to Hex 295933 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 #295933 looks like.

```
.text, #text, p{  
    color:#295933  
}
```

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 #295933 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #295933
}
```

Border

The CSS property to change the border of an element to Hex 295933 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
#295933 }
```

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

```
.border{ border-color:#295933 }
```

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

Here you see how a box with a 4 pixel #295933 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #295933; -webkit-box-shadow:4px 4px  
4px 4px #295933; box-shadow:4px 4px 4px  
4px #295933 }
```

Background

The CSS property to change the background color of an element to Hex 295933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#295933 }
```

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

```
.background{ background-color:#295933 }
```

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