

# Converting Colors

Hex(295A33)

Have a look what the booklet for  
Hex(295A33) contains.

<b>Hex(295A33)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(295A33)

# Conversions

## Conversions Part 1

Format	Color
Hex	295A33
RGB	41, 90, 51
RGB Percent	16%, 35%, 20%
CMY	0.8392, 0.6471, 0.8000
CMYK	0.54, 0.00, 0.43, 0.65
HSL	132°, 37%, 26%
HSV	132°, 54%, 35%
XYZ	5.1682, 8.0228, 4.4081
YIQ	70.9030, -16.6850, -22.5170

# Conversions

## Conversions Part 2

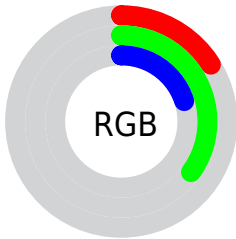
<b>Format</b>	<b>Color</b>
<b>RYB</b>	41, 82, 90
Decimal	2710067
CIELab	34.03, -26.22, 17.58
CIELCh	34, 31.573, 146.155
Yxy	8.0228, 0.2937, 0.4559
Android (android.graphics.Color)	4280900147 (0xFF295A33)
YUV	70.9030, -9.8122, -26.2249
Hunter-Lab	28.3245, -16.9983, 10.5999

# Details

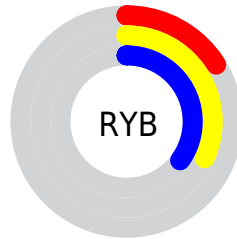
The Hex color **295A33** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **5A2950**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **5A8D62**, and **002B06** is the 20% darker color. If you saturate the color by 10%, you get **205A2C**, and if you desaturate by 10%, it is **325A3A**.

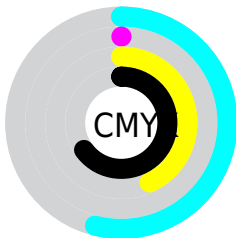
# Distribution



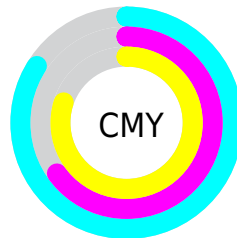
- Red (16%)
- Green (35%)
- Blue (20%)



- 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 295A33 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 295A33 by changing the saturation by 10% instead.



 295A33

 295A33

FFFFFF

 0F421D

 5A8D62

 002B06

 74A77B

 001700

 8EC395

 000000

 A9DFB0

 C5FBCB

 E1FFE7

FEFFFF

 295A33

 295A33

■ 205A2C

■ 325A3A

■ 175A25

■ 3B5A41

■ 0E5A1E

■ 445A48

■ 055A16

■ 4D5A50

■ 005A12

■ 565A57

■ 5F5A5E

■ 685A65

■ 715A6C

■ 7A5A73

# Harmonies

## Analogous

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



495521



295A33



005C4C

# Triad

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



295A33



115482



7E3C3B

# Complementary

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



295A33



5A2950

# 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.



7C3B54



295A33



4C4B7D

# Square

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



295A33



005A79



6C416C



744427

# Rectangle

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



295A33



005D5D



6C416C



7F3B43



# Sweetspot

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



295A33



637566



505A29



303B32



BABABA



3B3B3B



# Same Dimension

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



295A33



297539



295A4B



292E2A



006E16



00ED30



# Inverse Universe

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



5A2950



752966



5A2938



2E292D



6E0057

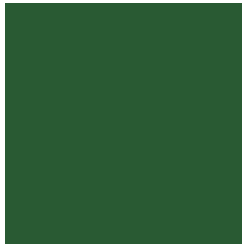


ED00BD



# Previews

## White Background



This preview shows how the Hex color 295A33 looks on a white background.

## Color Contrast Check

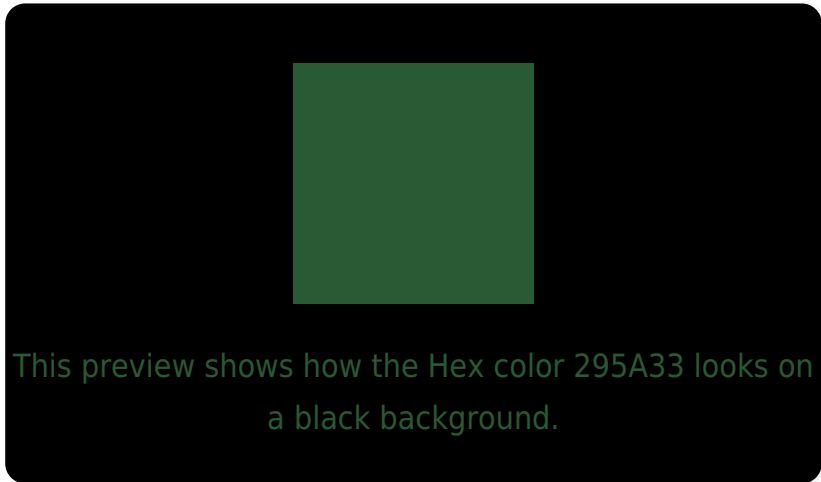
Large Text (above 18pt) WCAG AA ✓ Pass

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

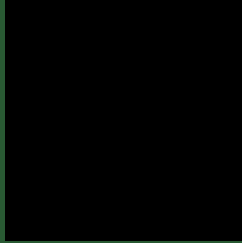
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 295A33 Background



This preview shows how black text looks on a background with the Hex color 295A33.



This preview shows how white text looks on a background with the Hex color 295A33.

# 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](#).

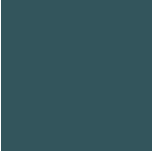
## Dichromacy



**Original Color**  
295A33

**Protanopia**  
57502F

**Deuteranopia**  
5F4C36



**Tritanopia**  
33555C

# Trichromacy



**Original Color**  
295A33

**Protanomaly**  
465430

**Deuteranomaly**  
4B5135

**Tritanomaly**  
2F574D

# Monochromacy



**Original Color**  
295A33

**Achromatopsia**  
474747

**Achromatomaly**  
3C4E40

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 295A33 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 #295A33 looks like.

```
.text, #text, p{  
    color:#295A33  
}
```

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 #295A33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #295A33
}
```

## Border

The CSS property to change the border of an element to Hex 295A33 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".

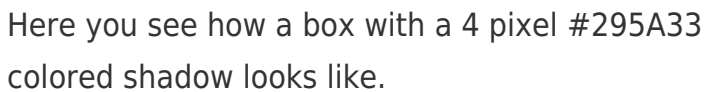
```
.border, #border, table{ border:4px solid
#295A33 }
```

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

```
.border{ border-color:#295A33 }
```

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

Here you see how a box with a 4 pixel #295A33 colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #295A33; -webkit-box-shadow:4px 4px  
4px 4px #295A33; box-shadow:4px 4px 4px  
4px #295A33 }
```

# Background

The CSS property to change the background color of an element to Hex 295A33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#295A33 }
```

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

```
.background{ background-color:#295A33 }
```

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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