

Converting Colors

Hex(295E3C)

Have a look what the booklet for
Hex(295E3C) contains.

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Color

Hex(295E3C)

Conversions

Conversions Part 1

Format	Color
Hex	295E3C
RGB	41, 94, 60
RGB Percent	16%, 37%, 24%
CMY	0.8392, 0.6314, 0.7647
CMYK	0.56, 0.00, 0.36, 0.63
HSL	142°, 39%, 26%
HSV	142°, 56%, 37%
XYZ	5.7328, 8.8031, 5.6720
YIQ	74.2770, -20.6740, -21.8100

Conversions

Conversions Part 2

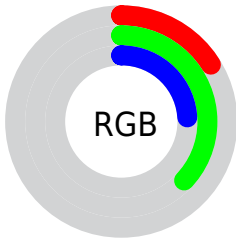
Format	Color
RYB	41, 80, 94
Decimal	2711100
CIELab	35.60, -26.34, 14.28
CIELCh	36, 29.958, 151.543
Yxy	8.8031, 0.2837, 0.4356
Android (android.graphics.Color)	4280901180 (0xFF295E3C)
YUV	74.2770, -7.0386, -29.1839
Hunter-Lab	29.6700, -17.4331, 9.4346

Details

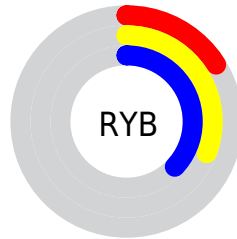
The Hex color **295E3C** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **5E294B**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **5B916C**, and **002F11** is the 20% darker color. If you saturate the color by 10%, you get **205E36**, and if you desaturate by 10%, it is **325E42**.

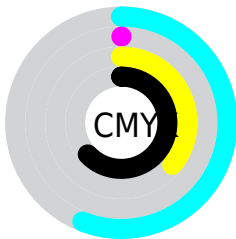
Distribution



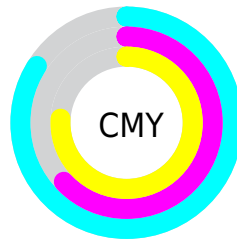
- Red (16%)
- Green (37%)
- Blue (24%)



- Red (16%)
- Yellow (31%)
- Blue (37%)



- Cyan (56%)
- Magenta (0%)
- Yellow (36%)
- Black (63%)



- Cyan (84%)
- Magenta (63%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 295E3C 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 295E3C by changing the saturation by 10% instead.

 295E3C

 295E3C

FFFFFF

 0E4626

 5B916C

 002F11

 75AC85

 001C00

 8FC79F

 000000

 AAE3BA

 C6FFD6

 E2FFF2

 295E3C

 295E3C

 205E36

 325E42

■ 165E30

■ 3C5E48

■ 0D5E2A

■ 455E4E

■ 035E24

■ 4F5E54

■ 005E22

■ 585E5A

■ 615E60

■ 6B5E66

■ 745E6C

■ 7E5E72

Harmonies

Analogous

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



485A29



295E3C



006054

Triad

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



295E3C



2B5683



7F423C

Complementary

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



295E3C



5E294B

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.



804053



295E3C



574D7D

Square

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



295E3C



005C7D



72446B



744A2A

Rectangle

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



295E3C



006065



72446B



814143

Sweetspot

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



295E3C



667A6D



4B5E29



313D35



BDBDBD



3D3D3D

Same Dimension

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



295E3C



277A45



295E56



292E2B



006E27



00ED55

Inverse Universe

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



5E294B



7A275D



5E2931



2E292C



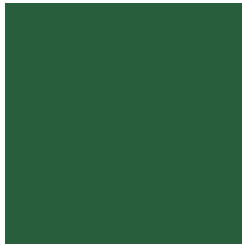
6E0046



ED0098

Previews

White Background



This preview shows how the Hex color 295E3C looks on a white background.

Color Contrast Check

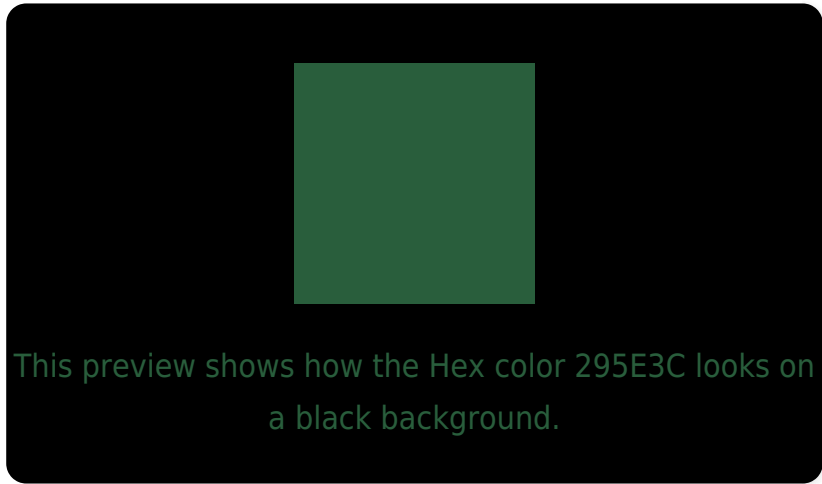
Large Text (above 18pt) WCAG AA ✓ Pass

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

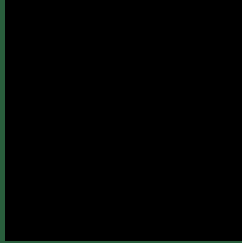
Any Text WCAG AA × Fail

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 295E3C Background



This preview shows how black text looks on a background with the Hex color 295E3C.



This preview shows how white text looks on a background with the Hex color 295E3C.

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
295E3C

Protanopia
5A5338

Deuteranopia
62503F



Tritanopia
335A61

Trichromacy



Original Color
295E3C

Protanomaly
485739

Deuteranomaly
4D553E

Tritanomaly
2F5B54

Monochromacy



Original Color
295E3C

Achromatopsia
4A4A4A

Achromatomaly
3E5145

CSS Examples

Text

The CSS property to change the color of the text to Hex 295E3C 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 #295E3C looks like.

```
.text, #text, p{  
    color:#295E3C  
}
```

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 #295E3C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #295E3C  
}
```

Border

The CSS property to change the border of an element to Hex 295E3C 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  
#295E3C }
```

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

```
.border{ border-color:#295E3C }
```

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

Here you see how a box with a 4 pixel #295E3C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #295E3C; -webkit-box-shadow:4px 4px  
4px 4px #295E3C; box-shadow:4px 4px 4px  
4px #295E3C }
```

Background

The CSS property to change the background color of an element to Hex 295E3C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#295E3C }
```

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

```
.background{ background-color:#295E3C }
```

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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