

Converting Colors

Hex(295C52)

Have a look what the booklet for
Hex(295C52) contains.

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Color

Hex(295C52)

Conversions

Conversions Part 1

Format	Color
Hex	295C52
RGB	41, 92, 82
RGB Percent	16%, 36%, 32%
CMY	0.8392, 0.6392, 0.6784
CMYK	0.55, 0.00, 0.11, 0.64
HSL	168°, 38%, 26%
HSV	168°, 55%, 36%
XYZ	6.2646, 8.7349, 9.3385
YIQ	75.6110, -27.1860, -13.9220

Conversions

Conversions Part 2

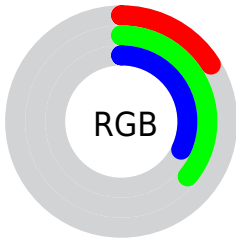
Format	Color
RYB	41, 69, 92
Decimal	2710610
CIELab	35.47, -19.88, 0.54
CIElCh	35, 19.885, 178.446
Yxy	8.7349, 0.2574, 0.3589
Android (android.graphics.Color)	4280900690 (0xFF295C52)
YUV	75.6110, 3.1498, -30.3538
Hunter-Lab	29.5549, -13.8853, 1.9545

Details

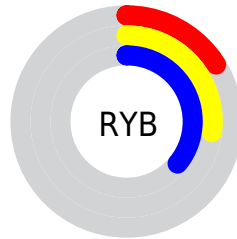
The Hex color **295C52** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5C2933**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **5B8F83**, and **002E25** is the 20% darker color. If you saturate the color by 10%, you get **205C50**, and if you desaturate by 10%, it is **325C54**.

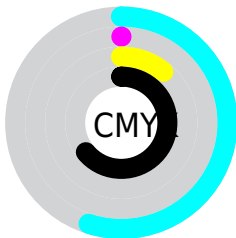
Distribution



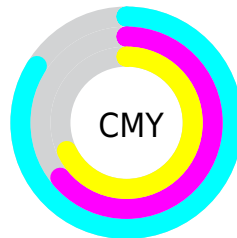
- Red (16%)
- Green (36%)
- Blue (32%)



- Red (16%)
- Yellow (27%)
- Blue (36%)



- Cyan (55%)
- Magenta (0%)
- Yellow (11%)
- Black (64%)



- Cyan (84%)
- Magenta (64%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 295C52 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 295C52 by changing the saturation by 10% instead.

 295C52

 295C52

FFFFFF

 0E443B

 5B8F83

 002E25

 75A99D

 001B10

 8FC4B8

 000000

 AAE1D4

 C6DFD0

 E3FFFF

 295C52

 295C52

 205C50

 325C54

■ 175C4E

■ 3B5C56

■ 0D5C4D

■ 455C57

■ 045C4B

■ 4E5C59

■ 005C4A

■ 575C5B

■ 605C5D

■ 695C5F

■ 735C60

■ 7C5C62

Harmonies

Analogous

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



3C5A42



295C52



1C5C62

Triad

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



295C52



54506F



6C4D39

Complementary

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



295C52



5C2933

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.



724845



295C52



674A64

Square

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



295C52



3C5573



714755



5F5234

Rectangle

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



295C52



205A6B



714755



6F4B3C

Sweetspot

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



295C52



637874



335C29



313D3B



BDBDBD



3D3D3D

Same Dimension

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



295C52



287868



294D5C



292E2D



006E58



00EDBF

Inverse Universe

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



5C2933



782837



5C3829



2E292A



6E0016



ED002F

Previews

White Background



This preview shows how the Hex color 295C52 looks on a white background.

Color Contrast Check

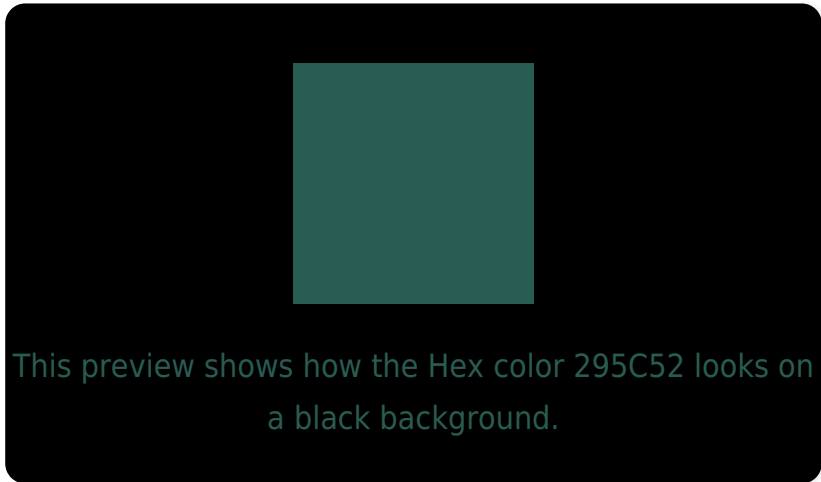
Large Text (above 18pt) WCAG AA ✓ Pass

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

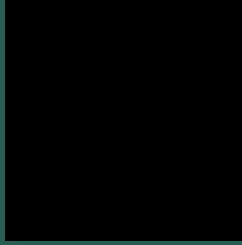
Any Text WCAG AA × Fail

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 295C52 Background



This preview shows how black text looks on a background with the Hex color 295C52.



This preview shows how white text looks on a background with the Hex color 295C52.

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](#).

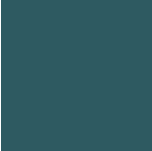
Dichromacy



Original Color
295C52

Protanopia
56534D

Deuteranopia
5A5054



Tritanopia
2E5A61

Trichromacy



Original Color
295C52

Protanomaly
46564F

Deuteranomaly
485453

Tritanomaly
2C5B5C

Monochromacy



Original Color
295C52

Achromatopsia
4C4C4C

Achromatomaly
3F524E

CSS Examples

Text

The CSS property to change the color of the text to Hex 295C52 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 #295C52 looks like.

```
.text, #text, p{  
    color:#295C52  
}
```

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 #295C52 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #295C52
}
```

Border

The CSS property to change the border of an element to Hex 295C52 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
#295C52 }
```

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

```
.border{ border-color:#295C52 }
```

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

Here you see how a box with a 4 pixel #295C52 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #295C52; -webkit-box-shadow:4px 4px  
4px 4px #295C52; box-shadow:4px 4px 4px  
4px #295C52 }
```

Background

The CSS property to change the background color of an element to Hex 295C52 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#295C52 }
```

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

```
.background{ background-color:#295C52 }
```

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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