

Converting Colors

Hex(294F5C)

Have a look what the booklet for
Hex(294F5C) contains.

Hex(294F5C)	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(294F5C)

Conversions

Conversions Part 1

Format	Color
Hex	294F5C
RGB	41, 79, 92
RGB Percent	16%, 31%, 36%
CMY	0.8392, 0.6902, 0.6392
CMYK	0.55, 0.14, 0.00, 0.64
HSL	195°, 38%, 26%
HSV	195°, 55%, 36%
XYZ	5.6422, 6.8361, 11.1473
YIQ	69.1200, -26.8210, -4.0130

Conversions

Conversions Part 2

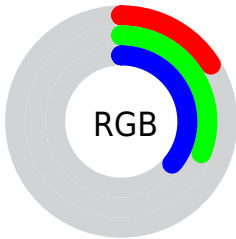
Format	Color
RYB	41, 63, 92
Decimal	2707292
CIELab	31.43, -9.40, -11.78
CIELCh	31, 15.072, 231.436
Yxy	6.8361, 0.2388, 0.2894
Android (android.graphics.Color)	4280897372 (0xFF294F5C)
YUV	69.1200, 11.2798, -24.6612
Hunter-Lab	26.1459, -7.2356, -6.9762




Details

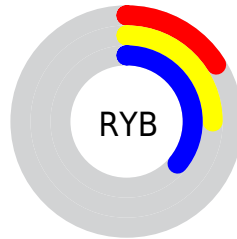
The Hex color **294F5C** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5C3629**, and the grayscale version is **454545**.




A 20% lighter version of the original color is **5B808E**, and **00232E** is the 20% darker color. If you saturate the color by 10%, you get **204D5C**, and if you desaturate by 10%, it is **32515C**.

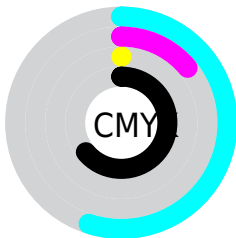
Distribution







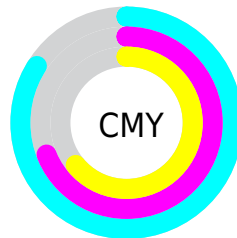
-  Red (16%)
-  Green (31%)
-  Blue (36%)






-  Red (16%)
-  Yellow (25%)
-  Blue (36%)



-  Cyan (55%)
-  Magenta (14%)
-  Yellow (0%)
-  Black (64%)



-  Cyan (84%)
-  Magenta (69%)
-  Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 294F5C 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 294F5C by changing the saturation by 10% instead.

■ 294F5C

■ 294F5C

FFFFFF

■ 0F3844

■ 5B808E

■ 00232E

■ 749AA9

■ 000B1A

■ 8FB5C4

■ 000000

■ AAD1E0

■ C5EDFC

■ E2FFFF

■ 294F5C

■ 294F5C

■ 204D5C

■ 32515C

■ 174A5C

■ 3B545C

■ 0D485C

■ 45565C

■ 04465C

■ 4E585C

■ 00455C

■ 575B5C

■ 605D5C

■ 695F5C

■ 73625C

■ 7C645C

Harmonies

Analogous

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



275052



294F5C



364C61

Triad

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



294F5C



5F424E



4A4C34

Complementary

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



294F5C



5C3629

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.



564833



294F5C



624242

Square

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



294F5C



564459



5E4438



3C4F3B

Rectangle

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



294F5C



424A61



5E4438



4E4B33

Sweetspot

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



294F5C



637378



295C36



313A3D



BDBDBD



3D3D3D

Same Dimension

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



294F5C



286378



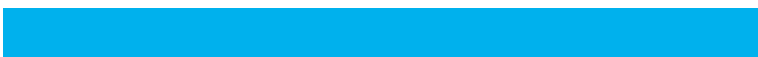
29365C



292D2E



00526E



00B1ED

Inverse Universe

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



5C294F



782863



5C4F29



2E292D



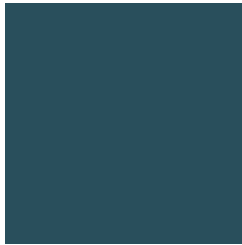
6E0052



ED00B1

Previews

White Background



This preview shows how the Hex color 294F5C looks on a white background.

Color Contrast Check

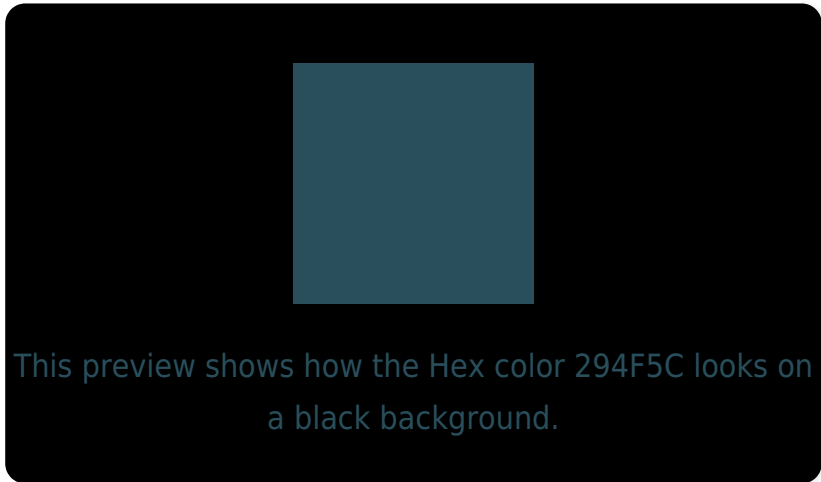
Large Text (above 18pt) WCAG AA ✓ Pass

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

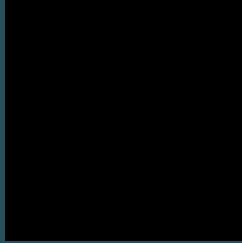
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

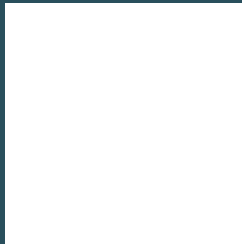
Any Text WCAG AAA × Fail

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

Hex 294F5C Background



This preview shows how black text looks on a background with the Hex color 294F5C.



This preview shows how white text looks on a background with the Hex color 294F5C.

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](#).

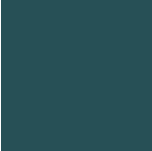
Dichromacy



Original Color
294F5C

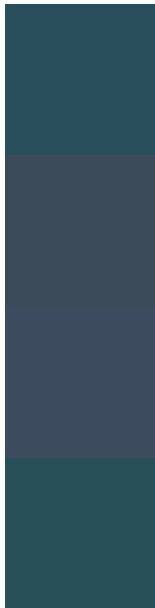
Protanopia
474958

Deuteranopia
47485D



Tritanopia
275056

Trichromacy



Original Color
294F5C

Protanomaly
3C4B59

Deuteranomaly
3C4B5D

Tritanomaly
285058

Monochromacy



Original Color
294F5C

Achromatopsia
454545

Achromatomaly
3B494D

CSS Examples

Text

The CSS property to change the color of the text to Hex 294F5C 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 #294F5C looks like.

```
.text, #text, p{  
    color:#294F5C  
}
```

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 #294F5C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #294F5C
}
```

Border

The CSS property to change the border of an element to Hex 294F5C 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
#294F5C }
```

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

```
.border{ border-color:#294F5C }
```

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

Here you see how a box with a 4 pixel #294F5C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #294F5C; -webkit-box-shadow:4px 4px  
4px 4px #294F5C; box-shadow:4px 4px 4px  
4px #294F5C }
```

Background

The CSS property to change the background color of an element to Hex 294F5C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#294F5C }
```

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

```
.background{ background-color:#294F5C }
```

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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