

Converting Colors

Hex(294C63)

Have a look what the booklet for
Hex(294C63) contains.

Hex(294C63)	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(294C63)

Conversions

Conversions Part 1

Format	Color
Hex	294C63
RGB	41, 76, 99
RGB Percent	16%, 30%, 39%
CMY	0.8392, 0.7020, 0.6118
CMYK	0.59, 0.23, 0.00, 0.61
HSL	204°, 41%, 27%
HSV	204°, 59%, 39%
XYZ	5.7510, 6.5412, 12.7638
YIQ	68.1570, -28.2430, -0.2670

Conversions

Conversions Part 2

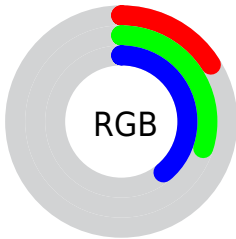
Format	Color
RYB	41, 63, 99
Decimal	2706531
CIELab	30.74, -5.17, -17.30
CIElCh	31, 18.053, 253.371
Yxy	6.5412, 0.2295, 0.2611
Android (android.graphics.Color)	4280896611 (0xFF294C63)
YUV	68.1570, 15.2056, -23.8167
Hunter-Lab	25.5757, -4.6194, -11.6864

Details

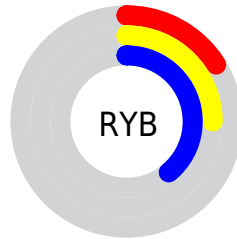
The Hex color **294C63** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **634029**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **5B7D96**, and **002034** is the 20% darker color. If you saturate the color by 10%, you get **1F4863**, and if you desaturate by 10%, it is **335063**.

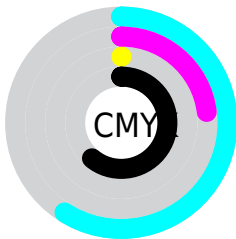
Distribution



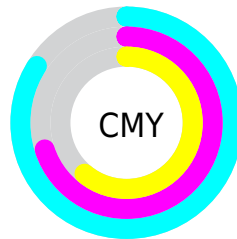
- Red (16%)
- Green (30%)
- Blue (39%)



- Red (16%)
- Yellow (25%)
- Blue (39%)



- Cyan (59%)
- Magenta (23%)
- Yellow (0%)
- Black (61%)



- Cyan (84%)
- Magenta (70%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 294C63 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 294C63 by changing the saturation by 10% instead.

■ 294C63

■ 294C63

FFFFFF

■ 0D354B

■ 5B7D96

■ 002034

■ 7597B1

■ 00071F

■ 90B1CC

■ 000003

■ ABCDE8

■ 000000

■ C7E9FF

■ E3FFFF

■ 294C63

■ 294C63

■ 1F4863

■ 335063

■ 154463

■ 3D5463

■ 0B4063

■ 475863

■ 013C63

■ 515C63

■ 003C63

■ 5B6063

■ 646463

■ 6E6763

■ 786B63

■ 826F63

Harmonies

Analogous

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



194F5B



294C63



3F4864

Triad

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



294C63



643E42



3C4D33

Complementary

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



294C63



634029

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.



4C492D



294C63



624036

Square

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



294C63



5F3F51



59452E



2B4F40

Rectangle

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



294C63



4C4460



59452E



414C30

Sweetspot

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



294C63



697680



29633F



323A40



BFBFBF



404040

Same Dimension

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



294C63



265C80



293063



2C2F30



004470



0091F0

Inverse Universe

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



63294C



80265C



635C29



302C2F



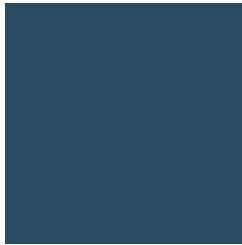
700044



F00091

Previews

White Background



This preview shows how the Hex color 294C63 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

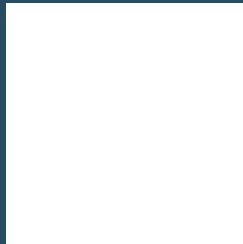
Any Text WCAG AAA × Fail

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

Hex 294C63 Background



This preview shows how black text looks on a background with the Hex color 294C63.



This preview shows how white text looks on a background with the Hex color 294C63.

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

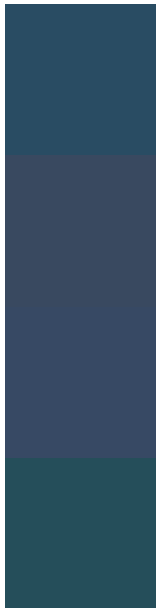


Original Color
294C63

Protanopia
42475F

Deuteranopia
3F4764

Trichromacy



Original Color
294C63

Protanomaly
394960

Deuteranomaly
374964

Tritanomaly
254E5A

Monochromacy



Original Color
294C63

Achromatopsia
444444

Achromatomaly
3A474F

CSS Examples

Text

The CSS property to change the color of the text to Hex 294C63 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 #294C63 looks like.

```
.text, #text, p{  
    color:#294C63  
}
```

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 #294C63 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #294C63
}
```

Border

The CSS property to change the border of an element to Hex 294C63 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
#294C63 }
```

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

```
.border{ border-color:#294C63 }
```

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

Here you see how a box with a 4 pixel #294C63 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #294C63; -webkit-box-shadow:4px 4px  
4px 4px #294C63; box-shadow:4px 4px 4px  
4px #294C63 }
```

Background

The CSS property to change the background color of an element to Hex 294C63 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#294C63 }
```

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

```
.background{ background-color:#294C63 }
```

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