

Converting Colors

Hex(294949)

Have a look what the booklet for
Hex(294949) contains.

Hex(294949)	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(294949)

Conversions

Conversions Part 1

Format	Color
Hex	294949
RGB	41, 73, 73
RGB Percent	16%, 29%, 29%
CMY	0.8392, 0.7137, 0.7137
CMYK	0.44, 0.00, 0.00, 0.71
HSL	180°, 28%, 22%
HSV	180°, 44%, 29%
XYZ	4.4996, 5.7175, 7.1698
YIQ	63.4320, -19.0720, -6.7840

Conversions

Conversions Part 2

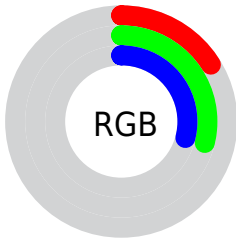
Format	Color
R_{YB}	41, 57, 73
Decimal	2705737
CIE _{Lab}	28.69, -11.75, -3.71
CIE _{LCh}	29, 12.319, 197.546
Yxy	5.7175, 0.2588, 0.3288
Android (android.graphics.Color)	4280895817 (0xFF294949)
YUV	63.4320, 4.7170, -19.6729
Hunter-Lab	23.9114, -8.2552, -1.0400




Details

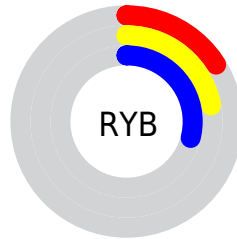
The Hex color **294949** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **492929**, and the grayscale version is **3F3F3F**.




A 20% lighter version of the original color is **597A79**, and **001D1E** is the 20% darker color. If you saturate the color by 10%, you get **224949**, and if you desaturate by 10%, it is **304949**.

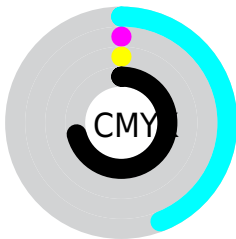
Distribution







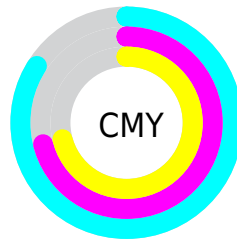
-  Red (16%)
-  Green (29%)
-  Blue (29%)






-  Red (16%)
-  Yellow (22%)
-  Blue (29%)



-  Cyan (44%)
-  Magenta (0%)
-  Yellow (0%)
-  Black (71%)



-  Cyan (84%)
-  Magenta (71%)
-  Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 294949 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 294949 by changing the saturation by 10% instead.

■ 294949

■ 294949

FFFFFF

■ 123233

■ 597A79

■ 001D1E

■ 729493

■ 000004

■ 8CAEAE

■ 000000

■ A6CAC9

■ C2E6E5

■ DEFFFF

■ FBFFFF

■ 294949

■ 294949

■ 224949

■ 304949

■ 1A4949

■ 384949

■ 134949

■ 3F4949

■ 0C4949

■ 464949

■ 054949

■ 4E4949

■ 004949

■ 554949

■ 5C4949

■ 634949

■ 6B4949

Harmonies

Analogous

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



30493F



294949



2A4851

Triad

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



294949



4C3F51



4E4231

Complementary

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



294949



492929

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.



553F36



294949



543D48

Square

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



294949



404356



573D3E



454531

Rectangle

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



294949



2F4755



573D3E



514132

Sweetspot

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



294949



525E5E



294929



293030



B0B0B0



303030

Same Dimension

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



294949



2C5E5E



293949



202424



006363



00E3E3

Inverse Universe

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



492949



5E2C5E



493929



242024



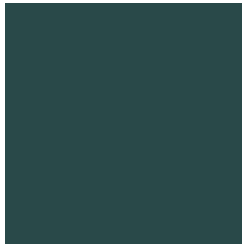
630063



E300E3

Previews

White Background



This preview shows how the Hex color 294949 looks on a white background.

Color Contrast Check

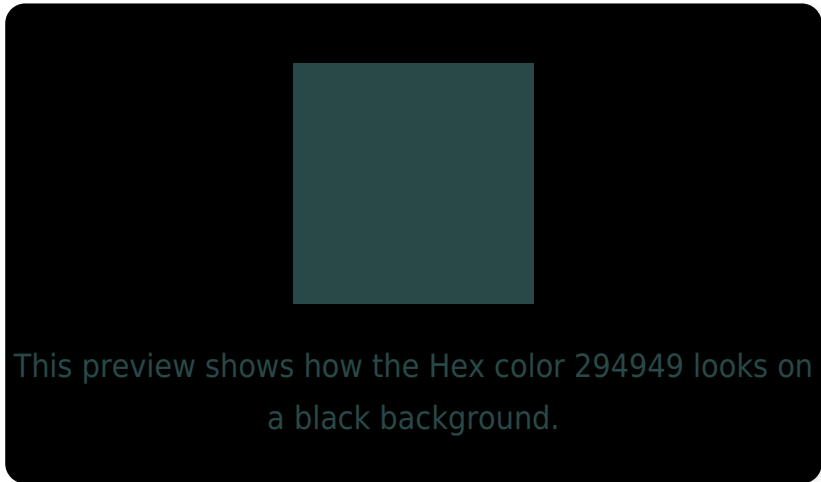
Large Text (above 18pt) WCAG AA ✓ Pass

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

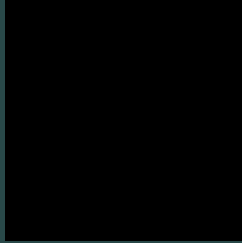
Any Text WCAG AA × Fail

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 294949 Background



This preview shows how black text looks on a background with the Hex color 294949.



This preview shows how white text looks on a background with the Hex color 294949.

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
294949

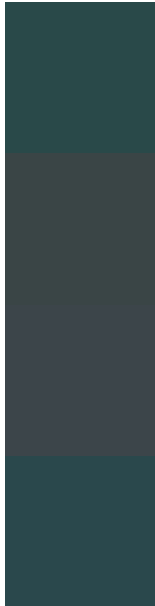
Protanopia
444345

Deuteranopia
47424B



Tritanopia
2B484E

Trichromacy



Original Color
294949

Protanomaly
3A4546

Deuteranomaly
3C454A

Tritanomaly
2A484C

Monochromacy



Original Color
294949

Achromatopsia
3F3F3F

Achromatomaly
374343

CSS Examples

Text

The CSS property to change the color of the text to Hex 294949 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 #294949 looks like.

```
.text, #text, p{  
    color:#294949  
}
```

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 #294949 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #294949
}
```

Border

The CSS property to change the border of an element to Hex 294949 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".

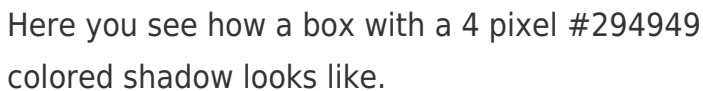
```
.border, #border, table{ border:4px solid
#294949 }
```

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

```
.border{ border-color:#294949 }
```

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

Here you see how a box with a 4 pixel #294949 colored shadow looks like.

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

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #294949; -webkit-box-shadow:4px 4px  
4px 4px #294949; box-shadow:4px 4px 4px  
4px #294949 }
```

Background

The CSS property to change the background color of an element to Hex 294949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#294949 }
```

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

```
.background{ background-color:#294949 }
```

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