

Converting Colors

Hex(294449)

Have a look what the booklet for
Hex(294449) contains.

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Color

Hex(294449)

Conversions

Conversions Part 1

Format	Color
Hex	294449
RGB	41, 68, 73
RGB Percent	16%, 27%, 29%
CMY	0.8392, 0.7333, 0.7137
CMYK	0.44, 0.07, 0.00, 0.71
HSL	189°, 28%, 22%
HSV	189°, 44%, 29%
XYZ	4.1842, 5.0867, 7.0646
YIQ	60.4970, -17.6970, -4.1690

Conversions

Conversions Part 2

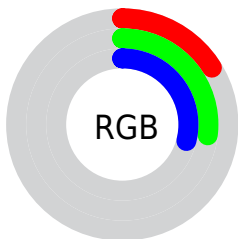
Format	Color
RYB	41, 56, 73
Decimal	2704457
CIELab	26.98, -8.71, -6.26
CIElCh	27, 10.730, 215.704
Yxy	5.0867, 0.2561, 0.3114
Android (android.graphics.Color)	4280894537 (0xFF294449)
YUV	60.4970, 6.1640, -17.0989
Hunter-Lab	22.5537, -6.3536, -2.7842

Details

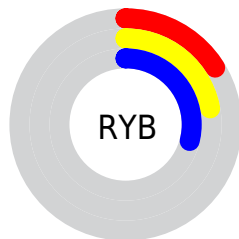
The Hex color **294449** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **492E29**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **58747A**, and **00191D** is the 20% darker color. If you saturate the color by 10%, you get **224349**, and if you desaturate by 10%, it is **304549**.

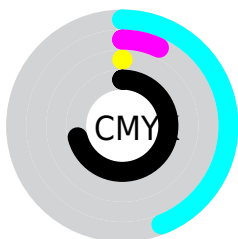
Distribution



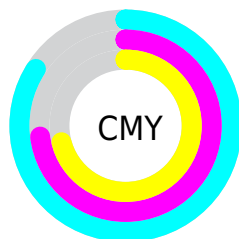
- Red (16%)
- Green (27%)
- Blue (29%)



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



- Cyan (44%)
- Magenta (7%)
- Yellow (0%)
- Black (71%)



- Cyan (84%)
- Magenta (73%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 294449 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 294449 by changing the saturation by 10% instead.

■ 294449

■ 294449

FFFFFF

■ 122E33

■ 58747A

■ 00191D

■ 718E93

■ 000003

■ 8BA8AE

■ 000000

■ A6C3C9

■ C1DFE5

■ DDFCFF

■ FAFFFF

■ 294449

■ 294449

■ 224349

■ 304549

■ 1A4249

■ 384649

■ 134149

■ 3F4749

■ 0C3F49

■ 464949

■ 053E49

■ 4E4A49

■ 003E49

■ 554B49

■ 5C4C49

■ 634D49

■ 6B4E49

Harmonies

Analogous

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



2B4441



294449



2E424E

Triad

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



294449



4C3B47



44402F

Complementary

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



294449



492E29

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.



4C3D31



294449



503A3E

Square

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



294449



433D4D



503B37



3B4232

Rectangle

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



294449



354150



503B37



473F30

Sweetspot

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



294449



525C5E



29492E



292F30



B0B0B0



303030

Same Dimension

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



294449



2C575E



293449



202324



005463



00BFE3

Inverse Universe

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



492944



5E2C57



493E29



242023



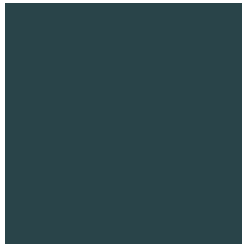
630054



E300BF

Previews

White Background



This preview shows how the Hex color 294449 looks on a white background.

Color Contrast Check

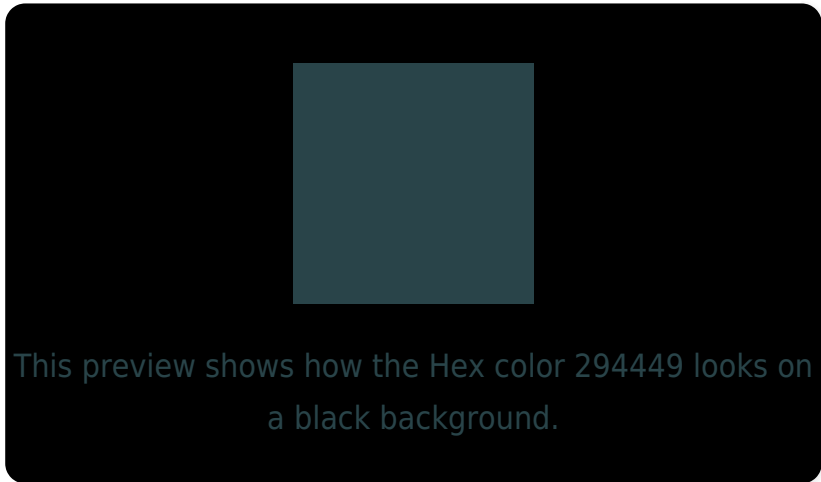
Large Text (above 18pt) WCAG AA ✓ Pass

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

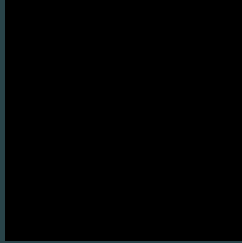
Any Text WCAG AA × Fail

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 294449 Background



This preview shows how black text looks on a background with the Hex color 294449.



This preview shows how white text looks on a background with the Hex color 294449.

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](#).

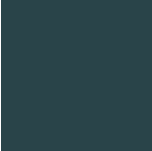
Dichromacy



Original Color
294449

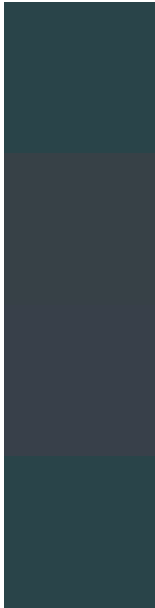
Protanopia
3F3F46

Deuteranopia
413E4A



Tritanopia
294449

Trichromacy



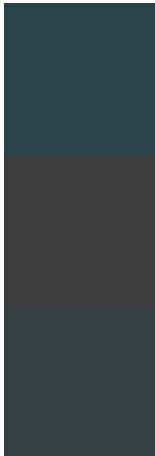
Original Color
294449

Protanomaly
374147

Deuteranomaly
38404A

Tritanomaly
294449

Monochromacy



Original Color
294449

Achromatopsia
3C3C3C

Achromatomaly
353F41

CSS Examples

Text

The CSS property to change the color of the text to Hex 294449 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 #294449 looks like.

```
.text, #text, p{  
    color:#294449  
}
```

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 #294449 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #294449
}
```

Border

The CSS property to change the border of an element to Hex 294449 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".

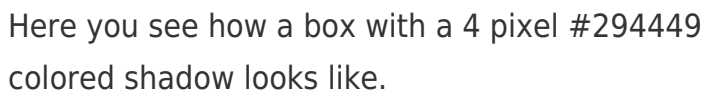
```
.border, #border, table{ border:4px solid
#294449 }
```

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

```
.border{ border-color:#294449 }
```

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

Here you see how a box with a 4 pixel #294449 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 #294449; -webkit-box-shadow:4px 4px  
4px 4px #294449; box-shadow:4px 4px 4px  
4px #294449 }
```

Background

The CSS property to change the background color of an element to Hex 294449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#294449 }
```

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

```
.background{ background-color:#294449 }
```

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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