

Converting Colors

Hex(294246)

Have a look what the booklet for
Hex(294246) contains.

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Color

Hex(294246)

Conversions

Conversions Part 1

Format	Color
Hex	294246
RGB	41, 66, 70
RGB Percent	16%, 26%, 27%
CMY	0.8392, 0.7412, 0.7255
CMYK	0.41, 0.06, 0.00, 0.73
HSL	188°, 26%, 22%
HSV	188°, 41%, 27%
XYZ	3.9682, 4.8100, 6.5136
YIQ	58.9810, -16.1840, -4.0560

Conversions

Conversions Part 2

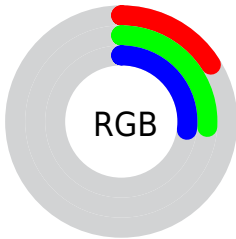
Format	Color
R_YB	41, 54, 70
Decimal	2703942
CIE Lab	26.19, -8.38, -5.48
CIE LCh	26, 10.018, 213.192
Yxy	4.8100, 0.2595, 0.3145
Android (android.graphics.Color)	4280894022 (0xFF294246)
YUV	58.9810, 5.4324, -15.7693
Hunter-Lab	21.9318, -6.0844, -2.2566

Details

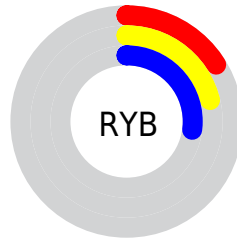
The Hex color **294246** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **462D29**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **587276**, and **00181B** is the 20% darker color. If you saturate the color by 10%, you get **224146**, and if you desaturate by 10%, it is **304346**.

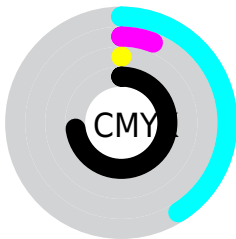
Distribution



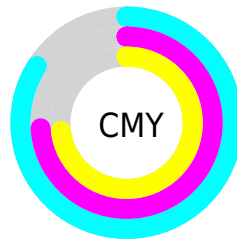
- Red (16%)
- Green (26%)
- Blue (27%)



- Red (16%)
- Yellow (21%)
- Blue (27%)



- Cyan (41%)
- Magenta (6%)
- Yellow (0%)
- Black (73%)



- Cyan (84%)
- Magenta (74%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 294246 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 294246 by changing the saturation by 10% instead.

■ 294246

■ 294246

FFFFFF

■ 132C30

■ 587276

■ 00181B

■ 718B90

■ 000000

■ 8BA6AA

■ A5C1C6

■ C0DDE2

■ DCF9FE

■ F9FFFF

■ 294246

■ 294246

■ 224146

■ 304346

■ 1B4046

■ 374446

■ 143F46

■ 3E4546

■ 0D3E46

■ 454646

■ 063D46

■ 4C4746

■ 003C46

■ 534846

■ 5A4946

■ 614A46

■ 684B46

Harmonies

Analogous

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



2B423F



294246



2D414B

Triad

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



294246



493A45



433E2F

Complementary

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



294246



462D29

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.



4A3B31



294246



4D393D

Square

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



294246



403C4B



4D3936



3B4031

Rectangle

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



294246



333F4D



4D3936



453D2F

Sweetspot

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



294246



515A5C



29462D



272D2E



ADADAD



2E2E2E

Same Dimension

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



294246



2E555C



293446



202324



005663



00C4E3

Inverse Universe

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



462942



5C2E55



463B29



242023



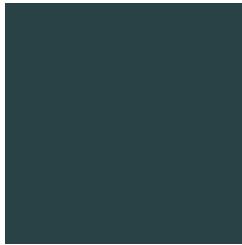
630056



E300C4

Previews

White Background



This preview shows how the Hex color 294246 looks on a white background.

Color Contrast Check

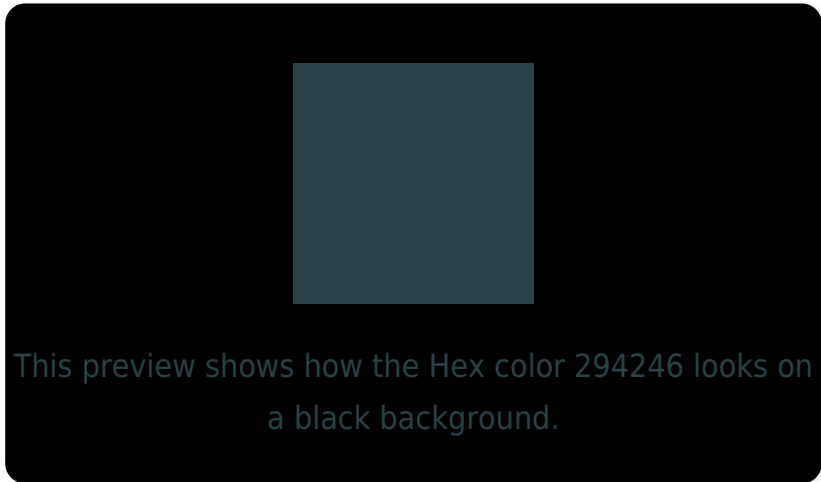
Large Text (above 18pt) WCAG AA ✓ Pass

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

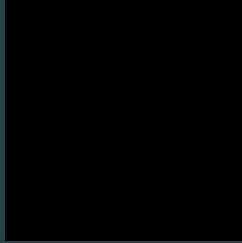
Any Text WCAG AA × Fail

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 294246 Background



This preview shows how black text looks on a background with the Hex color 294246.

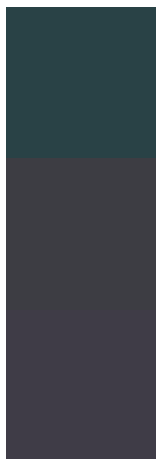


This preview shows how white text looks on a background with the Hex color 294246.

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
294246

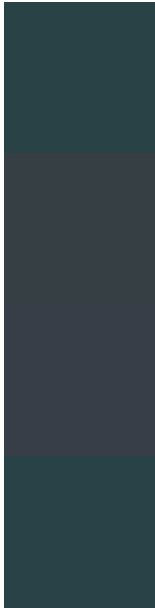
Protanopia
3D3D43

Deuteranopia
3F3C47



Tritanopia
294247

Trichromacy



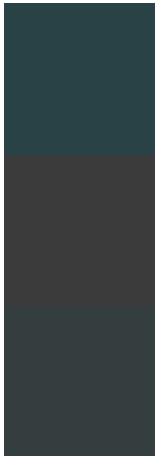
Original Color
294246

Protanomaly
363F44

Deuteranomaly
373E47

Tritanomaly
294247

Monochromacy



Original Color
294246

Achromatopsia
3B3B3B

Achromatomaly
343E3F

CSS Examples

Text

The CSS property to change the color of the text to Hex 294246 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 #294246 looks like.

```
.text, #text, p{  
    color:#294246  
}
```

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 #294246 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #294246
}
```

Border

The CSS property to change the border of an element to Hex 294246 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
#294246 }
```

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

```
.border{ border-color:#294246 }
```

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

Here you see how a box with a 4 pixel #294246 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #294246; -webkit-box-shadow:4px 4px  
4px 4px #294246; box-shadow:4px 4px 4px  
4px #294246 }
```

Background

The CSS property to change the background color of an element to Hex 294246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#294246 }
```

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

```
.background{ background-color:#294246 }
```

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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