

Converting Colors

Hex(294034)

Have a look what the booklet for
Hex(294034) contains.

Hex(294034)	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(294034)

Conversions

Conversions Part 1

Format	Color
Hex	294034
RGB	41, 64, 52
RGB Percent	16%, 25%, 20%
CMY	0.8392, 0.7490, 0.7961
CMYK	0.36, 0.00, 0.19, 0.75
HSL	149°, 22%, 21%
HSV	149°, 36%, 25%
XYZ	3.3677, 4.3861, 3.9179
YIQ	55.7550, -9.8560, -8.6080

Conversions

Conversions Part 2

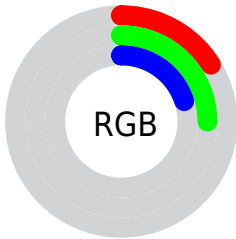
Format	Color
RYB	41, 57, 64
Decimal	2703412
CIELab	24.91, -12.11, 4.50
CIElCh	25, 12.920, 159.594
Yxy	4.3861, 0.2885, 0.3758
Android (android.graphics.Color)	4280893492 (0xFF294034)
YUV	55.7550, -1.8512, -12.9401
Hunter-Lab	20.9431, -7.9474, 3.5685

Details

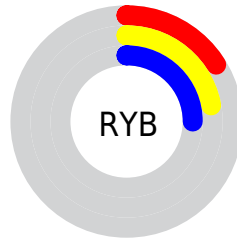
The Hex color **294034** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **402935**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **577062**, and **001606** is the 20% darker color. If you saturate the color by 10%, you get **234031**, and if you desaturate by 10%, it is **2F4037**.

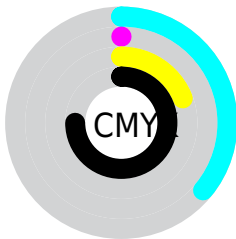
Distribution



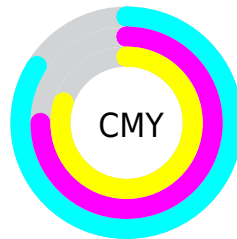
- Red (16%)
- Green (25%)
- Blue (20%)



- Red (16%)
- Yellow (22%)
- Blue (25%)



- Cyan (36%)
- Magenta (0%)
- Yellow (19%)
- Black (75%)



- Cyan (84%)
- Magenta (75%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 294034 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 294034 by changing the saturation by 10% instead.

■ 294034

■ 294034

FFFFFF

■ 142A1F

■ 577062

■ 001606

■ 70897B

■ 000000

■ 89A495

■ A4BFB0

■ BFD8CB

■ DBF7E7

■ F7FFFF

■ 294034

■ 294034

■ 234031

■ 2F4037

■ 1C402D

■ 36403B

■ 16402A

■ 3C403E

■ 0F4027

■ 434041

■ 094023

■ 494045

■ 034020

■ 4F4048

■ 00401F

■ 56404B

■ 5C404F

■ 634052

Harmonies

Analogous

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



343E2C



294034



20413E

Triad

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



294034



333B4E



4E352F

Complementary

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



294034



402935

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.



4F3438



294034



41384A

Square

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



294034



263E4D



4A3542



483829

Rectangle

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



294034



1D4044



4A3542



4F3532

Sweetspot

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



294034



4B544F



354029



262B28



ABABAB



2B2B2B

Same Dimension

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



294034



305441



29403F



1E211F



00612E



00E06B

Inverse Universe

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



402935



543043



40292A



211E20



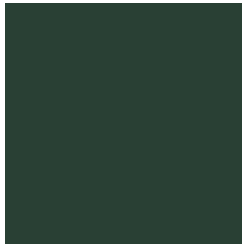
610033



E00075

Previews

White Background



This preview shows how the Hex color 294034 looks on a white background.

Color Contrast Check

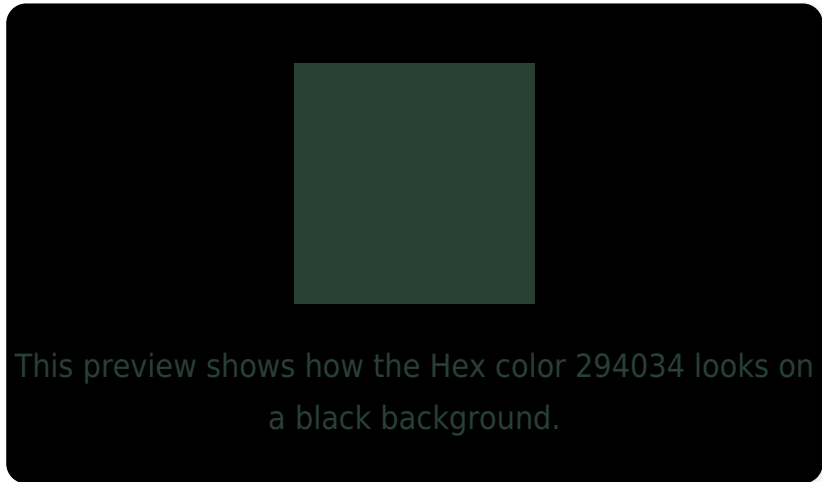
Large Text (above 18pt) WCAG AA ✓ Pass

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

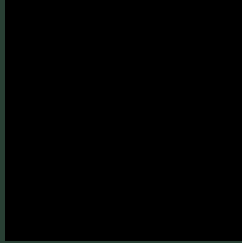
Any Text WCAG AA × Fail

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 294034 Background



This preview shows how black text looks on a background with the Hex color 294034.



This preview shows how white text looks on a background with the Hex color 294034.

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
294034

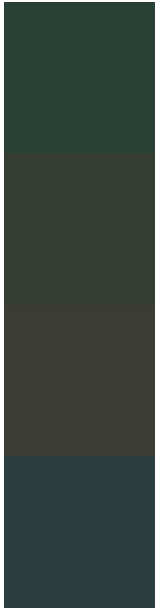
Protanopia
3E3B31

Deuteranopia
433936



Tritanopia
2C3E43

Trichromacy



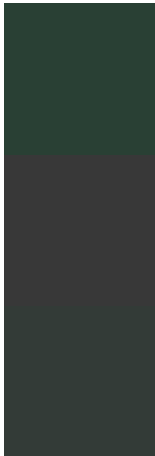
Original Color
294034

Protanomaly
363D32

Deuteranomaly
3A3C35

Tritanomaly
2B3F3E

Monochromacy



Original Color
294034

Achromatopsia
383838

Achromatomaly
333B37

CSS Examples

Text

The CSS property to change the color of the text to Hex 294034 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 #294034 looks like.

```
.text, #text, p{  
    color:#294034  
}
```

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 #294034 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #294034
}
```

Border

The CSS property to change the border of an element to Hex 294034 is called "border". The border property can be set on classes, ids or directly on the HTML element.

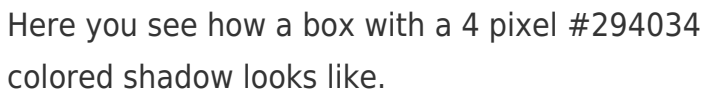
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#294034 }
```

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

```
.border{ border-color:#294034 }
```

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



Here you see how a box with a 4 pixel #294034 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #294034; -webkit-box-shadow:4px 4px  
4px 4px #294034; box-shadow:4px 4px 4px  
4px #294034 }
```

Background

The CSS property to change the background color of an element to Hex 294034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#294034 }
```

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

```
.background{ background-color:#294034 }
```

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