

# Converting Colors

Hex(294434)

Have a look what the booklet for  
Hex(294434) contains.

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# Color

**Hex(294434)**

# Conversions

## Conversions Part 1

Format	Color
Hex	294434
RGB	41, 68, 52
RGB Percent	16%, 27%, 20%
CMY	0.8392, 0.7333, 0.7961
CMYK	0.40, 0.00, 0.24, 0.73
HSL	144°, 25%, 21%
HSV	144°, 40%, 27%
XYZ	3.6014, 4.8536, 3.9958
YIQ	58.1030, -10.9560, -10.7000

# Conversions

## Conversions Part 2

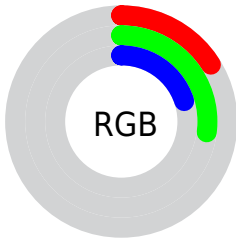
Format	Color
<a href="#">RYB</a>	<a href="#">41, 60, 68</a>
Decimal	<a href="#">2704436</a>
CIELab	<a href="#">26.31, -14.45, 6.49</a>
CIELCh	<a href="#">26, 15.840, 155.806</a>
Yxy	<a href="#">4.8536, 0.2893, 0.3898</a>
Android (android.graphics.Color)	<a href="#">4280894516 (0xFF294434)</a>
YUV	<a href="#">58.1030, -3.0088, -14.9993</a>
Hunter-Lab	<a href="#">22.0309, -9.3745, 4.6679</a>

# Details

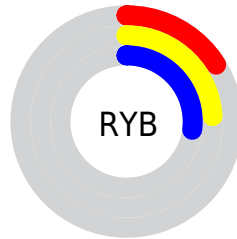
The Hex color **294434** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **442939**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **577462**, and **001A07** is the 20% darker color. If you saturate the color by 10%, you get **224430**, and if you desaturate by 10%, it is **304438**.

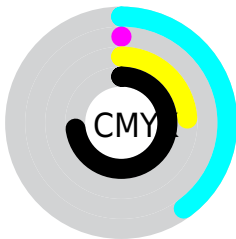
# Distribution



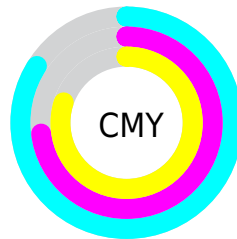
- Red (16%)
- Green (27%)
- Blue (20%)



- Red (16%)
- Yellow (24%)
- Blue (27%)



- Cyan (40%)
- Magenta (0%)
- Yellow (24%)
- Black (73%)



- Cyan (84%)
- Magenta (73%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 294434 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 294434 by changing the saturation by 10% instead.





294434



294434

FFFFFF



132E1F



577462



001A07



708E7B



000000



8AA895



A4C4B0



C0E0CB



DCFCE7



F8FFFF



294434



294434

■ 224430

■ 304438

■ 1B442C

■ 37443C

■ 154428

■ 3D4440

■ 0E4424

■ 444444

■ 074420

■ 4B4448

■ 00441C

■ 52444C

■ 594450

■ 5F4454

■ 664458

# Harmonies

## Analogous

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



37422A



294434



1B4540

# Triad

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



294434



323F56



553731

# Complementary

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



294434



442939

# 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.



56353C



294434



433A52

# Square

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



294434



204254



503748



4F3A29

# Rectangle

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



294434



164548



503748



563634



# Sweetspot

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



294434



4F5953



394429



272E2A



ADADAD



2E2E2E



# Same Dimension

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



294434



2E5940



294441



1E211F



006127



00E05B



# Inverse Universe

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



442939



592E48



44292C



211E20



610039

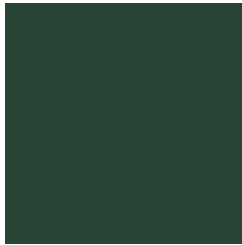


E00085



# Previews

## White Background



This preview shows how the Hex color 294434 looks on a white background.

## Color Contrast Check

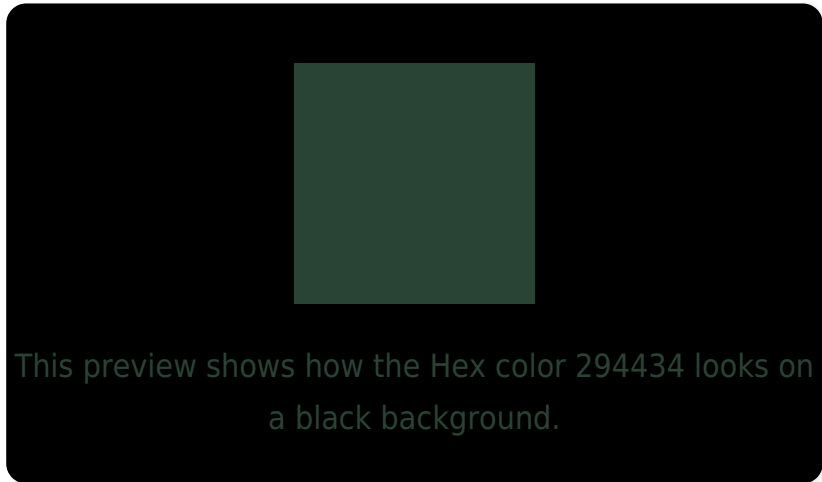
Large Text (above 18pt) WCAG AA ✓ Pass

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

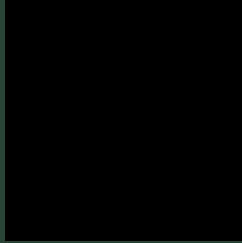
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 294434 Background



This preview shows how black text looks on a background with the Hex color 294434.



This preview shows how white text looks on a background with the Hex color 294434.

# 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



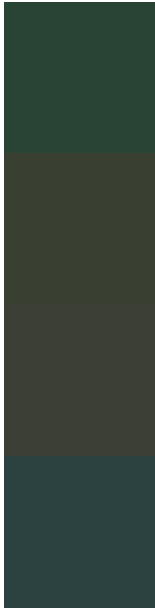
**Original Color**  
294434

**Protanopia**  
423E31

**Deuteranopia**  
473C36



# Trichromacy



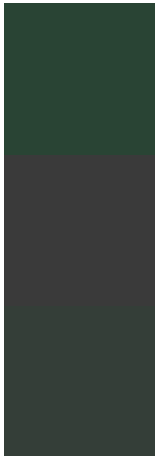
**Original Color**  
294434

**Protanomaly**  
394032

**Deuteranomaly**  
3C3F35

**Tritanomaly**  
2C4240

# Monochromacy



**Original Color**  
294434

**Achromatopsia**  
3A3A3A

**Achromatomaly**  
343E38

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 294434 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 #294434 looks like.

```
.text, #text, p{  
    color:#294434  
}
```

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 #294434 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #294434
}
```

## Border

The CSS property to change the border of an element to Hex 294434 is called "border". The border property can be set on classes, ids or directly on the HTML element.

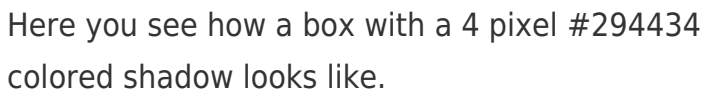
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#294434 }
```

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

```
.border{ border-color:#294434 }
```

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



Here you see how a box with a 4 pixel #294434 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #294434; -webkit-box-shadow:4px 4px  
4px 4px #294434; box-shadow:4px 4px 4px  
4px #294434 }
```

# Background

The CSS property to change the background color of an element to Hex 294434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#294434 }
```

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

```
.background{ background-color:#294434 }
```

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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