

# Converting Colors

Hex(294B2C)

Have a look what the booklet for  
Hex(294B2C) contains.

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# Color

Hex(294B2C)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	294B2C
RGB	41, 75, 44
RGB Percent	16%, 29%, 17%
CMY	0.8392, 0.7059, 0.8275
CMYK	0.45, 0.00, 0.41, 0.71
HSL	125°, 29%, 23%
HSV	125°, 45%, 29%
XYZ	3.8852, 5.6854, 3.2755
YIQ	61.3000, -10.3130, -16.8490

# Conversions

## Conversions Part 2

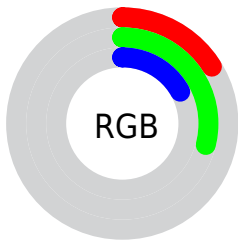
<b>Format</b>	<b>Color</b>
<b>RYB</b>	41, 72, 75
Decimal	2706220
CIELab	28.60, -20.02, 14.70
CIELCh	29, 24.842, 143.712
Yxy	5.6854, 0.3024, 0.4426
Android (android.graphics.Color)	4280896300 (0xFF294B2C)
YUV	61.3000, -8.5289, -17.8031
Hunter-Lab	23.8441, -12.6425, 8.5461

# Details

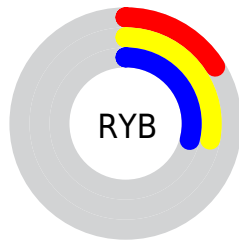
The Hex color **294B2C** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **4B2948**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **587C5A**, and **001F00** is the 20% darker color. If you saturate the color by 10%, you get **224B25**, and if you desaturate by 10%, it is **314B33**.

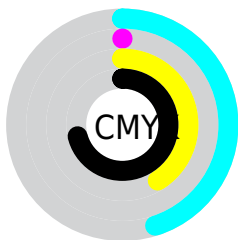
# Distribution



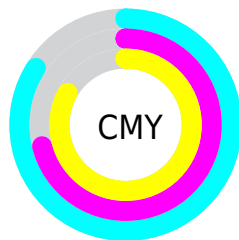
- Red (16%)
- Green (29%)
- Blue (17%)



- Red (16%)
- Yellow (28%)
- Blue (29%)



- Cyan (45%)
- Magenta (0%)
- Yellow (41%)
- Black (71%)



- Cyan (84%)
- Magenta (71%)
- Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 294B2C 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 294B2C by changing the saturation by 10% instead.





294B2C



294B2C

FFFFFF



123417



587C5A



001F00



719673



000000



8BB18C



A6CCA7



C1E9C2



DFFFDE



FAFFFA



294B2C



294B2C

■ 224B25

■ 314B33

■ 1A4B1E

■ 384B3A

■ 134B17

■ 404B41

■ 0B4B11

■ 474B47

■ 044B0A

■ 4F4B4E

■ 004B07

■ 564B55

■ 5E4B5C

■ 654B63

■ 6D4B6A

# Harmonies

## Analogous

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



40471F



294B2C



034D3F

# Triad

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



294B2C



184769



683535

# Complementary

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



294B2C



4B2948

# 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.



653448



294B2C



3F4067

# Square

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



294B2C



004B62



57395A



613A25

# Rectangle

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



294B2C



004D4C



57395A



68343B



# Sweetspot

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



294B2C



536155



484B29



283029



B0B0B0



303030



# Same Dimension

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



294B2C



2D6131



294B3D



222623



006609



00E614



# Inverse Universe

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



4B2948



612D5C



4B2937



262226



66005D

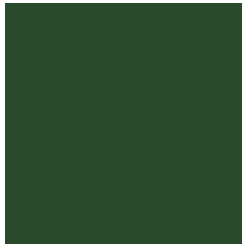


E600D1



# Previews

## White Background



This preview shows how the Hex color 294B2C looks on a white background.

## Color Contrast Check

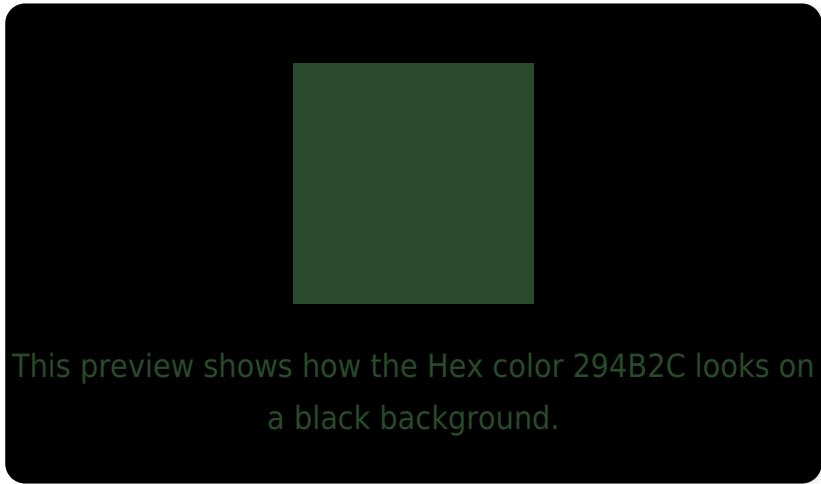
Large Text (above 18pt) WCAG AA ✓ Pass

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

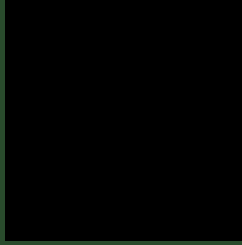
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 294B2C Background



This preview shows how black text looks on a background with the Hex color 294B2C.



This preview shows how white text looks on a background with the Hex color 294B2C.

# 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](#).

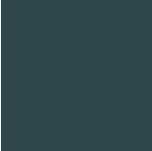
## Dichromacy



**Original Color**  
294B2C

**Protanopia**  
494329

**Deuteranopia**  
50402E



**Tritanopia**  
30474D

# Trichromacy



**Original Color**  
294B2C

**Protanomaly**  
3D462A

**Deuteranomaly**  
42442D

**Tritanomaly**  
2D4841

# Monochromacy



**Original Color**  
294B2C

**Achromatopsia**  
3D3D3D

**Achromatomaly**  
364237

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 294B2C 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 #294B2C looks like.

```
.text, #text, p{  
    color:#294B2C  
}
```

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 #294B2C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #294B2C
}
```

## Border

The CSS property to change the border of an element to Hex 294B2C is called "border". The border property can be set on classes, ids or directly on the HTML element.

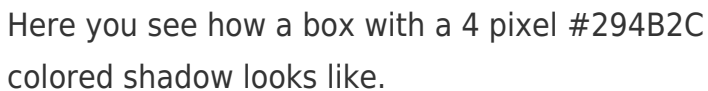
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#294B2C }
```

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

```
.border{ border-color:#294B2C }
```

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



Here you see how a box with a 4 pixel #294B2C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #294B2C; -webkit-box-shadow:4px 4px  
4px 4px #294B2C; box-shadow:4px 4px 4px  
4px #294B2C }
```

# Background

The CSS property to change the background color of an element to Hex 294B2C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#294B2C }
```

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

```
.background{ background-color:#294B2C }
```

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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