

Converting Colors

Hex(294433)

Have a look what the booklet for
Hex(294433) contains.

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Color

Hex(294433)

Conversions

Conversions Part 1

Format	Color
Hex	294433
RGB	41, 68, 51
RGB Percent	16%, 27%, 20%
CMY	0.8392, 0.7333, 0.8000
CMYK	0.40, 0.00, 0.25, 0.73
HSL	142°, 25%, 21%
HSV	142°, 40%, 27%
XYZ	3.5791, 4.8447, 3.8784
YIQ	57.9890, -10.6350, -11.0110

Conversions

Conversions Part 2

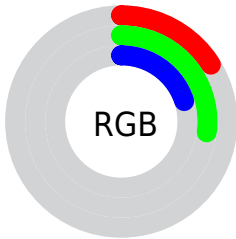
Format	Color
R_{YB}	41, 61, 68
Decimal	2704435
CIE _{Lab}	26.29, -14.68, 7.10
CIE _{LCh}	26, 16.312, 154.182
Yxy	4.8447, 0.2909, 0.3938
Android (android.graphics.Color)	4280894515 (0xFF294433)
YUV	57.9890, -3.4456, -14.8994
Hunter-Lab	22.0106, -9.4930, 4.9601

Details

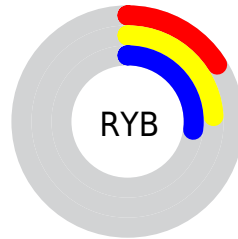
The Hex color **294433** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **44293A**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **577461**, and **001A05** is the 20% darker color. If you saturate the color by 10%, you get **22442F**, and if you desaturate by 10%, it is **304437**.

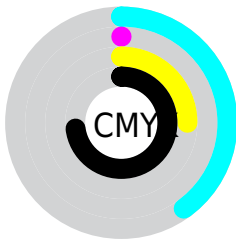
Distribution



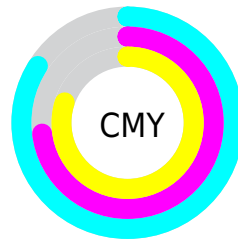
- Red (16%)
- Green (27%)
- Blue (20%)



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



- Cyan (40%)
- Magenta (0%)
- Yellow (25%)
- Black (73%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 294433 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 294433 by changing the saturation by 10% instead.

■ 294433

■ 294433

FFFFFF

■ 132E1E

■ 577461

■ 001A05

■ 708E7A

■ 000000

■ 8AA894

■ A4C4AF

■ C0E0CA

■ DCFCE6

■ F8FFFF

■ 294433

■ 294433

■ 22442F

■ 304437

■ 1B442A

■ 37443C

■ 154426

■ 3D4440

■ 0E4422

■ 444444

■ 07441E

■ 4B4448

■ 004419

■ 52444D

■ 594451

■ 5F4455

■ 66445A

Harmonies

Analogous

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



384229



294433



1B4540

Triad

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



294433



303F57



563631

Complementary

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



294433



44293A

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.



56353D



294433



423A53

Square

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



294433



1D4254



4F3649



503A28

Rectangle

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



294433



144548



4F3649



573535

Sweetspot

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



294433



4F5953



3A4429



272E2A



ADADAD



2E2E2E

Same Dimension

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



294433



2E593E



294440



1E211F



006124



00E053

Inverse Universe

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



44293A



592E49



44292D



211E20



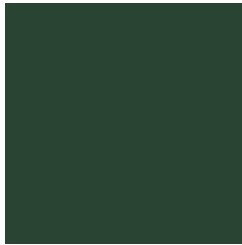
61003D



E0008D

Previews

White Background



This preview shows how the Hex color 294433 looks on a white background.

Color Contrast Check

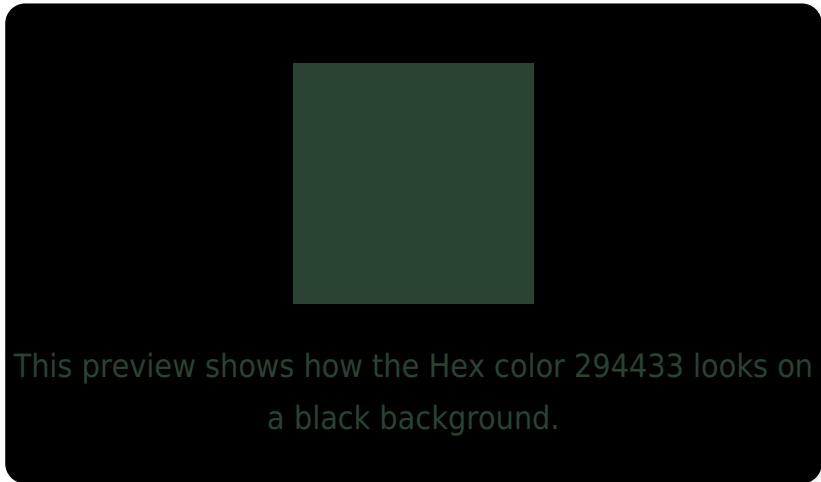
Large Text (above 18pt) WCAG AA ✓ Pass

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

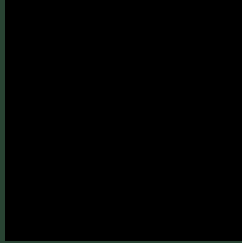
Any Text WCAG AA × Fail

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 294433 Background



This preview shows how black text looks on a background with the Hex color 294433.



This preview shows how white text looks on a background with the Hex color 294433.

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
294433

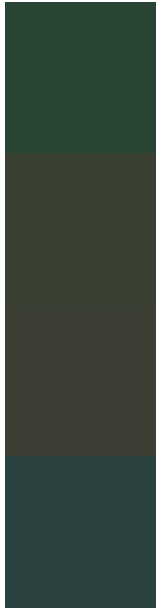
Protanopia
423E30

Deuteranopia
473C35



Tritanopia
2D4147

Trichromacy



Original Color
294433

Protanomaly
394031

Deuteranomaly
3C3F34

Tritanomaly
2C4240

Monochromacy



Original Color
294433

Achromatopsia
3A3A3A

Achromatomaly
343E37

CSS Examples

Text

The CSS property to change the color of the text to Hex 294433 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 #294433 looks like.

```
.text, #text, p{  
    color:#294433  
}
```

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 #294433 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #294433
}
```

Border

The CSS property to change the border of an element to Hex 294433 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".

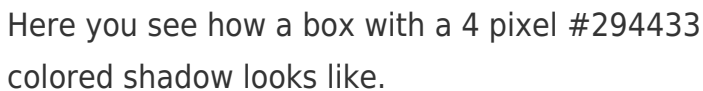
```
.border, #border, table{ border:4px solid
#294433 }
```

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

```
.border{ border-color:#294433 }
```

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

Here you see how a box with a 4 pixel #294433 colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and right sides. Below the box, there is a thick dark green horizontal bar that serves as a shadow for the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #294433; -webkit-box-shadow:4px 4px  
4px 4px #294433; box-shadow:4px 4px 4px  
4px #294433 }
```

Background

The CSS property to change the background color of an element to Hex 294433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#294433 }
```

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

```
.background{ background-color:#294433 }
```

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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