

Converting Colors

Hex(294430)

Have a look what the booklet for
Hex(294430) contains.

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Color

Hex(294430)

Conversions

Conversions Part 1

Format	Color
Hex	294430
RGB	41, 68, 48
RGB Percent	16%, 27%, 19%
CMY	0.8392, 0.7333, 0.8118
CMYK	0.40, 0.00, 0.29, 0.73
HSL	136°, 25%, 21%
HSV	136°, 40%, 27%
XYZ	3.5151, 4.8191, 3.5412
YIQ	57.6470, -9.6720, -11.9440

Conversions

Conversions Part 2

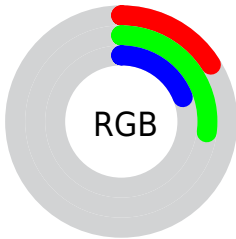
Format	Color
RYB	41, 62, 68
Decimal	2704432
CIELab	26.21, -15.37, 8.94
CIElCh	26, 17.779, 149.809
Yxy	4.8191, 0.2960, 0.4058
Android (android.graphics.Color)	4280894512 (0xFF294430)
YUV	57.6470, -4.7560, -14.5994
Hunter-Lab	21.9524, -9.8347, 5.8024

Details

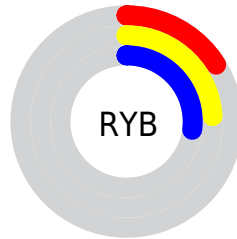
The Hex color **294430** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **44293D**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **57745E**, and **001A00** is the 20% darker color. If you saturate the color by 10%, you get **22442B**, and if you desaturate by 10%, it is **304435**.

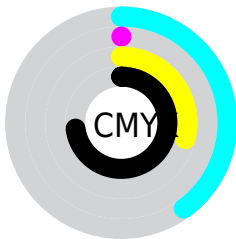
Distribution



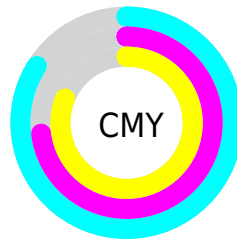
- Red (16%)
- Green (27%)
- Blue (19%)



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



- Cyan (40%)
- Magenta (0%)
- Yellow (29%)
- Black (73%)



- Cyan (84%)
- Magenta (73%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 294430 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 294430 by changing the saturation by 10% instead.

■ 294430

■ 294430

FFFFFF

■ 132E1B

■ 57745E

■ 001A00

■ 708E77

■ 000000

■ 8AA890

■ A4C4AB

■ C0E0C6

■ DCFCE2

■ F8FFFF

■ 294430

■ 294430

■ 22442B

■ 304435

■ 1B4426

■ 37443A

■ 154421

■ 3D443F

■ 0E441C

■ 444444

■ 074417

■ 4B4449

■ 004412

■ 52444E

■ 594453

■ 5F4458

■ 66445D

Harmonies

Analogous

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



394126



294430



18453D

Triad

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



294430



2B3F59



583531

Complementary

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



294430



44293D

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.



57343F



294430



3F3B55

Square

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



294430



144355



4F364C



523827

Rectangle

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



294430



0D4547



4F364C



593436

Sweetspot

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



294430



4F5951



3D4429



272E29



ADADAD



2E2E2E

Same Dimension

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



294430



2E593A



29443D



1E211F



006119



00E03A

Inverse Universe

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



44293D



592E4E



442930



211E20



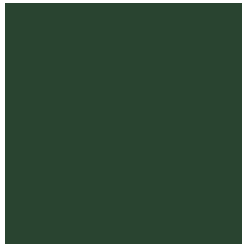
610048



E000A6

Previews

White Background



This preview shows how the Hex color 294430 looks on a white background.

Color Contrast Check

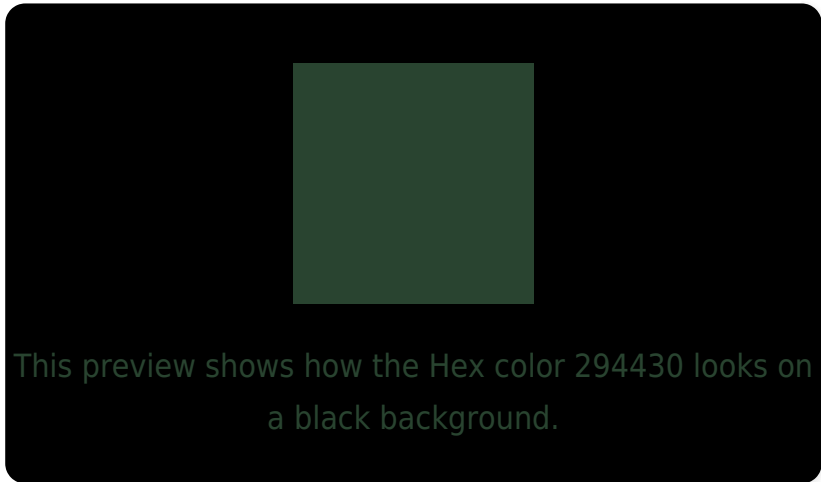
Large Text (above 18pt) WCAG AA ✓ Pass

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

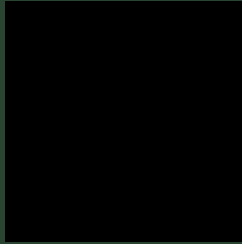
Any Text WCAG AA × Fail

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 294430 Background



This preview shows how black text looks on a background with the Hex color 294430.

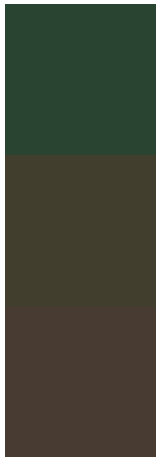


This preview shows how white text looks on a background with the Hex color 294430.

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](#).

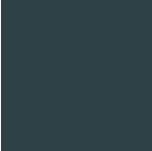
Dichromacy



Original Color
294430

Protanopia
423E2D

Deuteranopia
483B32



Tritanopia
2E4146

Trichromacy



Original Color
294430

Protanomaly
39402E

Deuteranomaly
3D3E31

Tritanomaly
2C423E

Monochromacy



Original Color
294430

Achromatopsia
3A3A3A

Achromatomaly
343E36

CSS Examples

Text

The CSS property to change the color of the text to Hex 294430 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 #294430 looks like.

```
.text, #text, p{  
    color:#294430  
}
```

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 #294430 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #294430
}
```

Border

The CSS property to change the border of an element to Hex 294430 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".

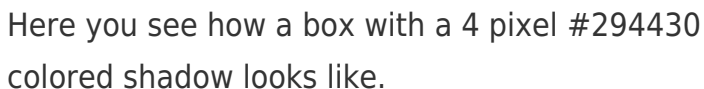
```
.border, #border, table{ border:4px solid
#294430 }
```

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

```
.border{ border-color:#294430 }
```

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

Here you see how a box with a 4 pixel #294430 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #294430; -webkit-box-shadow:4px 4px  
4px 4px #294430; box-shadow:4px 4px 4px  
4px #294430 }
```

Background

The CSS property to change the background color of an element to Hex 294430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#294430 }
```

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

```
.background{ background-color:#294430 }
```

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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