

Converting Colors

Hex(294A28)

Have a look what the booklet for
Hex(294A28) contains.

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Color

Hex(294A28)

Conversions

Conversions Part 1

Format	Color
Hex	294A28
RGB	41, 74, 40
RGB Percent	16%, 29%, 16%
CMY	0.8392, 0.7098, 0.8431
CMYK	0.45, 0.00, 0.46, 0.71
HSL	118°, 30%, 22%
HSV	118°, 46%, 29%
XYZ	3.7462, 5.5222, 2.8759
YIQ	60.2570, -8.7540, -17.5700

Conversions

Conversions Part 2

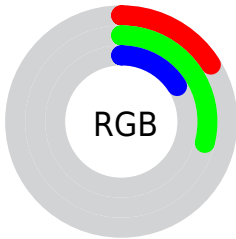
Format	Color
RYB	40, 74, 73
Decimal	2705960
CIELab	28.17, -20.24, 16.60
CIELCh	28, 26.179, 140.649
Yxy	5.5222, 0.3085, 0.4547
Android (android.graphics.Color)	4280896040 (0xFF294A28)
YUV	60.2570, -9.9867, -16.8884
Hunter-Lab	23.4993, -12.6675, 9.1934




Details

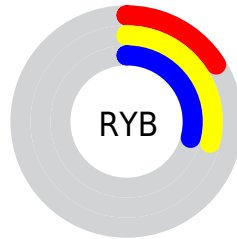
The Hex color **294A28** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **49284A**, and the grayscale version is **3C3C3C**.




A 20% lighter version of the original color is **587B56**, and **001F00** is the 20% darker color. If you saturate the color by 10%, you get **224A21**, and if you desaturate by 10%, it is **304A2F**.

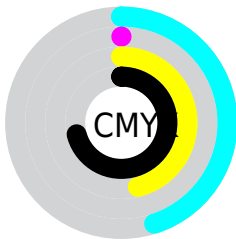
Distribution







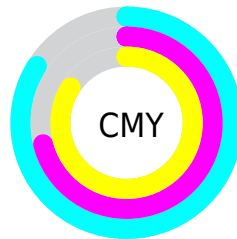
-  Red (16%)
-  Green (29%)
-  Blue (16%)






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



-  Cyan (45%)
-  Magenta (0%)
-  Yellow (46%)
-  Black (71%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 294A28 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 294A28 by changing the saturation by 10% instead.

 294A28


 294A28

FFFFFF

 123313

 587B56

 001F00

 71956E

 000000

 8BB088

 A6CBA2

 C1E7BD

 DDFFD9

 FAFFF5

 294A28

 294A28

■ 224A21

■ 304A2F

■ 1B4A19

■ 374A37

■ 134A12

■ 3F4A3E

■ 0C4A0A

■ 464A46

■ 054A03

■ 4D4A4D

■ 024A00

■ 544A54

■ 5B4A5C

■ 624A63

■ 6A4A6B

Harmonies

Analogous

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



41461B



294A28



004C3B

Triad

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



294A28



07466A



683235

Complementary

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



294A28



49284A

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.



65324A



294A28



3A4068

Square

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



294A28



004B61



55385C



623824

Rectangle

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



294A28



004D49



55385C



68313C

Sweetspot

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



294A28



546153



4A4928



283028



B0B0B0



303030

Same Dimension

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



294A28



2D612C



284A38



232622



036600



07E600

Inverse Universe

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



49284A



5F2C61



4A283A



262226



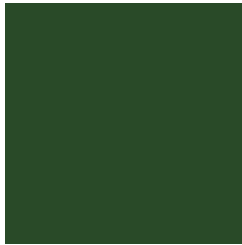
630066



DF00E6

Previews

White Background



This preview shows how the Hex color 294A28 looks on a white background.

Color Contrast Check

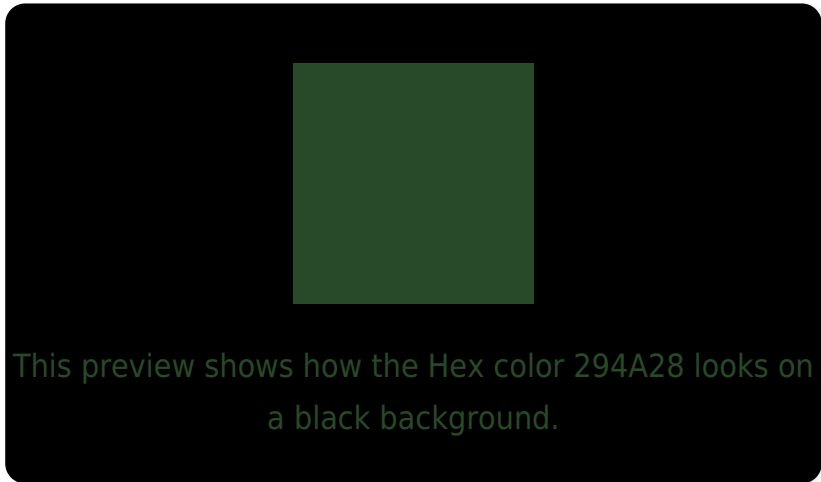
Large Text (above 18pt) WCAG AA ✓ Pass

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

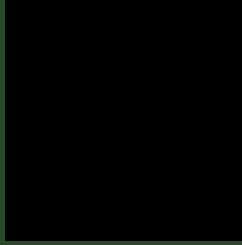
Any Text WCAG AA × Fail

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 294A28 Background



This preview shows how black text looks on a background with the Hex color 294A28.



This preview shows how white text looks on a background with the Hex color 294A28.

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](#).

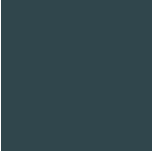
Dichromacy



Original Color
294A28

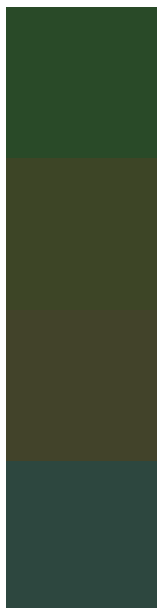
Protanopia
494225

Deuteranopia
503F2B



Tritanopia
30464C

Trichromacy



Original Color

294A28

Protanomaly

3D4526

Deuteranomaly

42432A

Tritanomaly

2D473F

Monochromacy



Original Color

294A28

Achromatopsia

3C3C3C

Achromatomaly

354135

CSS Examples

Text

The CSS property to change the color of the text to Hex 294A28 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 #294A28 looks like.

```
.text, #text, p{  
    color:#294A28  
}
```

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 #294A28 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #294A28
}
```

Border

The CSS property to change the border of an element to Hex 294A28 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
#294A28 }
```

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

```
.border{ border-color:#294A28 }
```

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

Here you see how a box with a 4 pixel #294A28 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #294A28; -webkit-box-shadow:4px 4px  
4px 4px #294A28; box-shadow:4px 4px 4px  
4px #294A28 }
```

Background

The CSS property to change the background color of an element to Hex 294A28 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#294A28 }
```

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

```
.background{ background-color:#294A28 }
```

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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