

Converting Colors

Hex(295129)

Have a look what the booklet for
Hex(295129) contains.

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Color

Hex(295129)

Conversions

Conversions Part 1

Format	Color
Hex	295129
RGB	41, 81, 41
RGB Percent	16%, 32%, 16%
CMY	0.8392, 0.6824, 0.8392
CMYK	0.49, 0.00, 0.49, 0.68
HSL	120°, 33%, 24%
HSV	120°, 49%, 32%
XYZ	4.2571, 6.5164, 3.1312
YIQ	64.4800, -11.0000, -20.9200

Conversions

Conversions Part 2

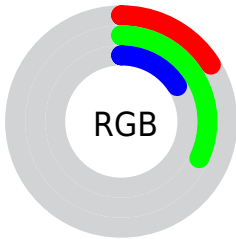
Format	Color
R_{YB}	41, 81, 81
Decimal	2707753
CIE _{Lab}	30.68, -23.64, 19.21
CIE _{LCh}	31, 30.458, 140.904
Yxy	6.5164, 0.3062, 0.4686
Android (android.graphics.Color)	4280897833 (0xFF295129)
YUV	64.4800, -11.5756, -20.5920
Hunter-Lab	25.5272, -14.9045, 10.5964

Details

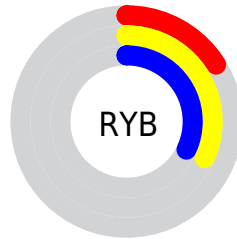
The Hex color **295129** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **512951**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **598357**, and **002400** is the 20% darker color. If you saturate the color by 10%, you get **215121**, and if you desaturate by 10%, it is **315131**.

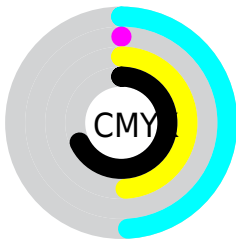
Distribution



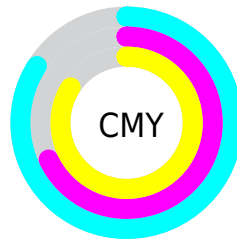
- Red (16%)
- Green (32%)
- Blue (16%)



- Red (16%)
- Yellow (32%)
- Blue (32%)



- Cyan (49%)
- Magenta (0%)
- Yellow (49%)
- Black (68%)



- Cyan (84%)
- Magenta (68%)
- Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the Hex color 295129 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 295129 by changing the saturation by 10% instead.

 295129

 295129

FFFFFF

 113A14

 598357

 002400

 739D70

 000500

 8DB889

 000000

 A7D4A4

 C3F0BF

 DFFFDB

 FCFFF7

 295129

 295129

■ 215121

■ 315131

■ 195119

■ 395139

■ 115111

■ 415141

■ 095109

■ 495149

■ 015101

■ 525152

■ 005100

■ 5A515A

■ 625162

■ 6A516A

■ 725172

Harmonies

Analogous

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



454C19



295129



005440

Triad

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



295129



004D77



743439

Complementary

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



295129



512951

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.



703450



295129



3D4575

Square

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



295129



00526D



5E3B66



6C3B24

Rectangle

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



295129



005450



5E3B66



743340

Sweetspot

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



295129



596959



515129



2C362C



B5B5B5



363636

Same Dimension

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



295129



2B692B



29513D



252925



006900



00E800

Inverse Universe

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



512951



692B69



51293D



292529



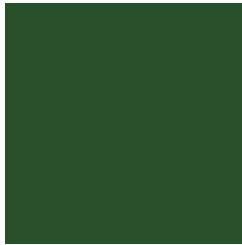
690069



E800E8

Previews

White Background



This preview shows how the Hex color 295129 looks on a white background.

Color Contrast Check

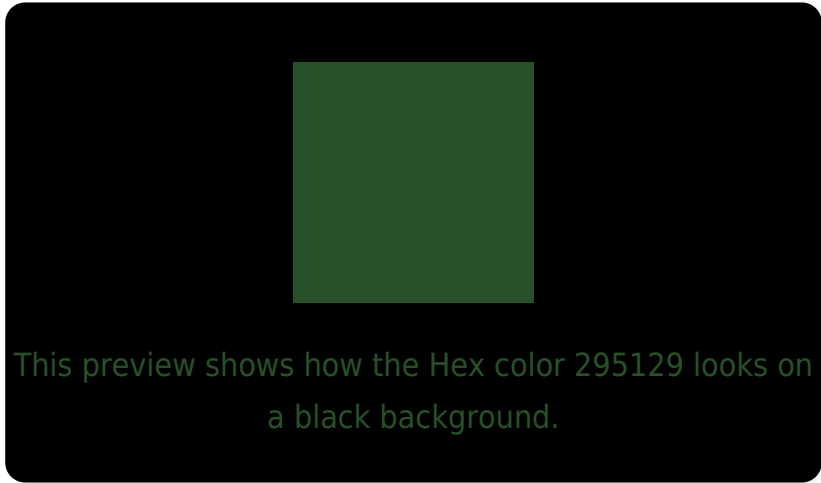
Large Text (above 18pt) WCAG AA ✓ Pass

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

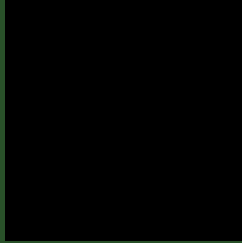
Any Text WCAG AA × Fail

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 295129 Background



This preview shows how black text looks on a background with the Hex color 295129.



This preview shows how white text looks on a background with the Hex color 295129.

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](#).

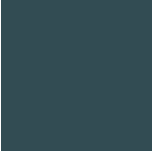
Dichromacy



Original Color
295129

Protanopia
4F4826

Deuteranopia
57452C



Tritanopia
324C53

Trichromacy



Original Color

295129

Protanomaly

414B27

Deuteranomaly

46492B

Tritanomaly

2F4E44

Monochromacy



Original Color

295129

Achromatopsia

404040

Achromatomaly

384638

CSS Examples

Text

The CSS property to change the color of the text to Hex 295129 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 #295129 looks like.

```
.text, #text, p{  
    color:#295129  
}
```

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 #295129 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #295129
}
```

Border

The CSS property to change the border of an element to Hex 295129 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
#295129 }
```

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

```
.border{ border-color:#295129 }
```

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

Here you see how a box with a 4 pixel #295129 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #295129; -webkit-box-shadow:4px 4px  
4px 4px #295129; box-shadow:4px 4px 4px  
4px #295129 }
```

Background

The CSS property to change the background color of an element to Hex 295129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#295129 }
```

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

```
.background{ background-color:#295129 }
```

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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