

Converting Colors

Hex(295143)

Have a look what the booklet for
Hex(295143) contains.

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Color

Hex(295143)

Conversions

Conversions Part 1

Format	Color
Hex	295143
RGB	41, 81, 67
RGB Percent	16%, 32%, 26%
CMY	0.8392, 0.6824, 0.7373
CMYK	0.49, 0.00, 0.17, 0.68
HSL	159°, 33%, 24%
HSV	159°, 49%, 32%
XYZ	4.8700, 6.7615, 6.3586
YIQ	67.4440, -19.3460, -12.8340

Conversions

Conversions Part 2

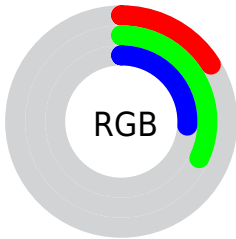
Format	Color
R_{YB}	41, 65, 81
Decimal	2707779
CIE _{Lab}	31.26, -17.99, 3.88
CIE _{LCh}	31, 18.402, 167.814
Yxy	6.7615, 0.2707, 0.3758
Android (android.graphics.Color)	4280897859 (0xFF295143)
YUV	67.4440, -0.2189, -23.1914
Hunter-Lab	26.0029, -12.0745, 3.7036




Details

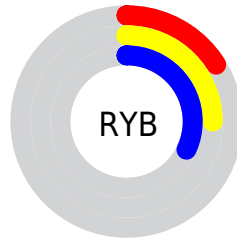
The Hex color **295143** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **512937**, and the grayscale version is **434343**.




A 20% lighter version of the original color is **598373**, and **002418** is the 20% darker color. If you saturate the color by 10%, you get **215140**, and if you desaturate by 10%, it is **315146**.

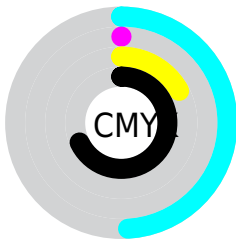
Distribution







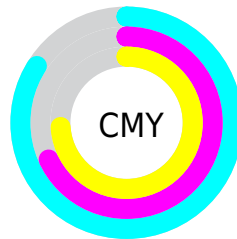
-  Red (16%)
-  Green (32%)
-  Blue (26%)






-  Red (16%)
-  Yellow (25%)
-  Blue (32%)



-  Cyan (49%)
-  Magenta (0%)
-  Yellow (17%)
-  Black (68%)



-  Cyan (84%)
-  Magenta (68%)
-  Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the Hex color 295143 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 295143 by changing the saturation by 10% instead.

 295143

 295143

FFFFFF

 113A2D

 598373

 002418

 729D8C

 000900

 8CB8A7

 000000

 A7D3C2

 C3F0DE

 DFFFFA

 FFFFFFFF

 295143

 295143

■ 215140

■ 315146

■ 19513D

■ 395149

■ 11513A

■ 41514C

■ 095138

■ 49514E

■ 015135

■ 525151

■ 005135

■ 5A5154

■ 625157

■ 6A515A

■ 72515D

Harmonies

Analogous

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



3A4F36



295143



1A5152

Triad

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



295143



434865



624235

Complementary

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



295143



512937

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.



663F41



295143



56435D

Square

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



295143



2D4D65



623F50



59472E

Rectangle

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



295143



17515B



623F50



644139

Sweetspot

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



295143



596963



375129



2C3632



B5B5B5



363636

Same Dimension

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



295143



2B6953



294B51



252927



006944



00E897

Inverse Universe

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



512937



692B40



512F29



292526



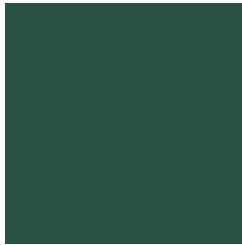
690025



E80051

Previews

White Background



This preview shows how the Hex color 295143 looks on a white background.

Color Contrast Check

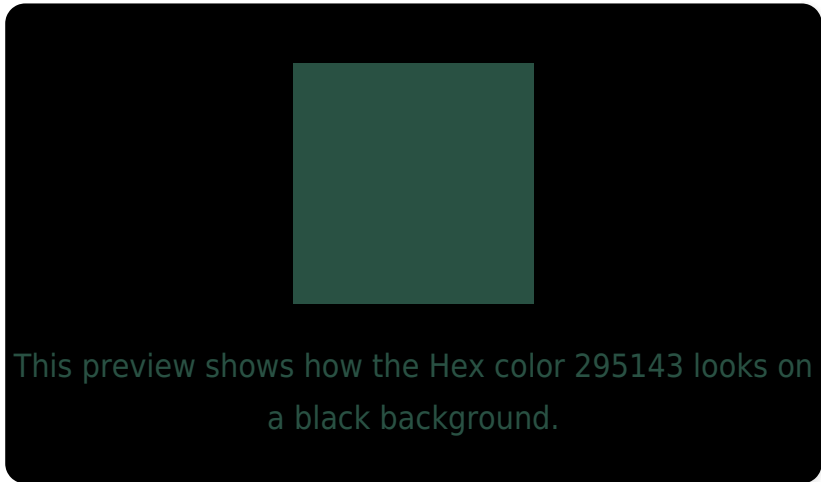
Large Text (above 18pt) WCAG AA ✓ Pass

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

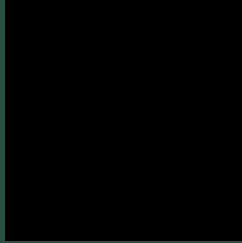
Any Text WCAG AA × Fail

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 295143 Background



This preview shows how black text looks on a background with the Hex color 295143.



This preview shows how white text looks on a background with the Hex color 295143.

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](#).

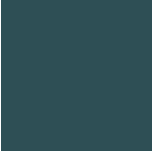
Dichromacy



Original Color
295143

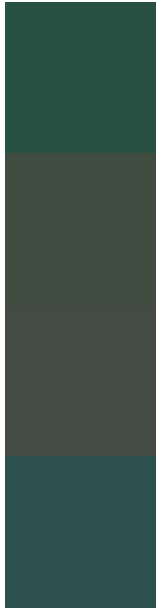
Protanopia
4D493F

Deuteranopia
524745



Tritanopia
2E4F55

Trichromacy



Original Color
295143

Protanomaly
404C40

Deuteranomaly
434B44

Tritanomaly
2C504E

Monochromacy



Original Color
295143

Achromatopsia
434343

Achromatomaly
3A4843

CSS Examples

Text

The CSS property to change the color of the text to Hex 295143 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 #295143 looks like.

```
.text, #text, p{  
    color:#295143  
}
```

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 #295143 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #295143
}
```

Border

The CSS property to change the border of an element to Hex 295143 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
#295143 }
```

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

```
.border{ border-color:#295143 }
```

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

Here you see how a box with a 4 pixel #295143 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #295143; -webkit-box-shadow:4px 4px  
4px 4px #295143; box-shadow:4px 4px 4px  
4px #295143 }
```

Background

The CSS property to change the background color of an element to Hex 295143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#295143 }
```

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

```
.background{ background-color:#295143 }
```

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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