

Converting Colors

Hex(295141)

Have a look what the booklet for
Hex(295141) contains.

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Color

Hex(295141)

Conversions

Conversions Part 1

Format	Color
Hex	295141
RGB	41, 81, 65
RGB Percent	16%, 32%, 25%
CMY	0.8392, 0.6824, 0.7451
CMYK	0.49, 0.00, 0.20, 0.68
HSL	156°, 33%, 24%
HSV	156°, 49%, 32%
XYZ	4.8110, 6.7379, 6.0480
YIQ	67.2160, -18.7040, -13.4560

Conversions

Conversions Part 2

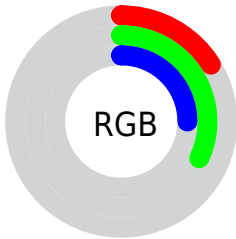
Format	Color
R_{YB}	41, 66, 81
Decimal	2707777
CIE Lab	31.20, -18.50, 5.07
CIE LCh	31, 19.187, 164.665
Yxy	6.7379, 0.2734, 0.3829
Android (android.graphics.Color)	4280897857 (0xFF295141)
YUV	67.2160, -1.0925, -22.9914
Hunter-Lab	25.9575, -12.3421, 4.3559

Details

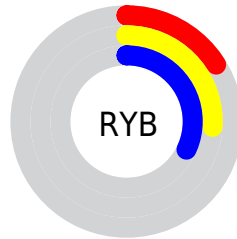
The Hex color **295141** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **512939**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **598371**, and **002417** is the 20% darker color. If you saturate the color by 10%, you get **21513E**, and if you desaturate by 10%, it is **315144**.

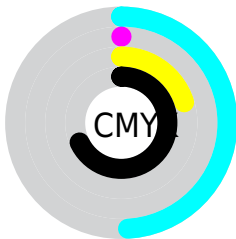
Distribution



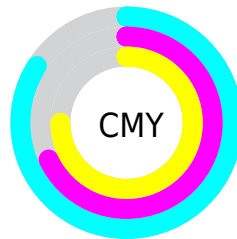
- Red (16%)
- Green (32%)
- Blue (25%)



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



- Cyan (49%)
- Magenta (0%)
- Yellow (20%)
- Black (68%)



- Cyan (84%)
- Magenta (68%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the Hex color 295141 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 295141 by changing the saturation by 10% instead.

 295141

 295141

FFFFFF

 113A2B

 598371

 002417

 729D8A

 000800

 8CB8A5

 000000

 A7D3C0

 C3F0DB

 DFFFF8

 FFFFFFF

 295141

 295141

■ 21513E

■ 315144

■ 19513B

■ 395147

■ 115137

■ 41514B

■ 095134

■ 49514E

■ 015131

■ 525151

■ 005131

■ 5A5154

■ 625158

■ 6A515B

■ 72515E

Harmonies

Analogous

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



3B4F34



295141



175250

Triad

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



295141



404866



644135

Complementary

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



295141



512939

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.



673E43



295141



55435F

Square

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



295141



284D66



623F52



5A462D

Rectangle

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



295141



12515A



623F52



664039

Sweetspot

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



295141



596962



395129



2C3632



B5B5B5



363636

Same Dimension

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



295141



2B6950



294D51



252927



00693F



00E88B

Inverse Universe

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



512939



692B44



512D29



292526



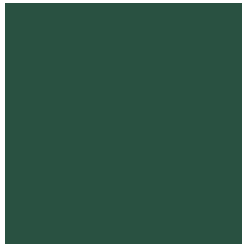
69002A



E8005D

Previews

White Background



This preview shows how the Hex color 295141 looks on a white background.

Color Contrast Check

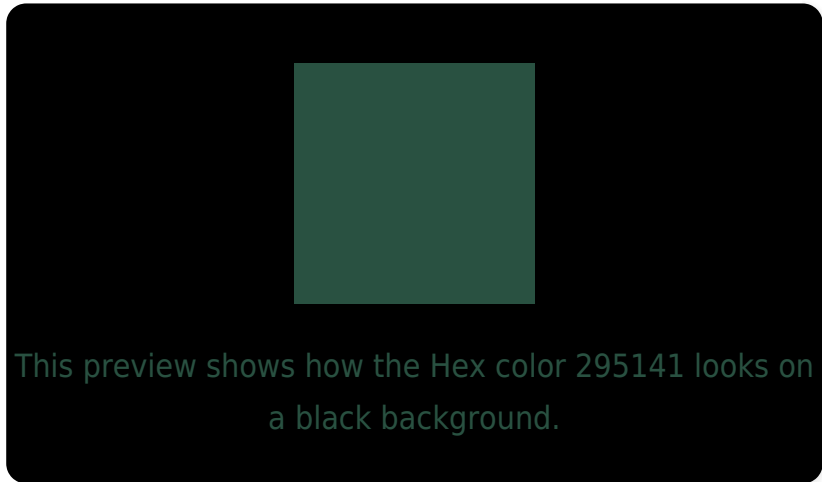
Large Text (above 18pt) WCAG AA ✓ Pass

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

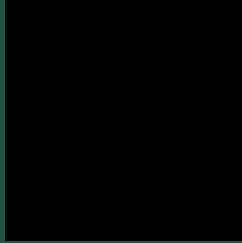
Any Text WCAG AA × Fail

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 295141 Background



This preview shows how black text looks on a background with the Hex color 295141.



This preview shows how white text looks on a background with the Hex color 295141.

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](#).

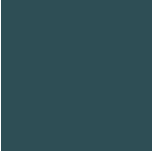
Dichromacy



Original Color
295141

Protanopia
4D493D

Deuteranopia
524743



Tritanopia
2E4E55

Trichromacy



Original Color
295141

Protanomaly
404C3E

Deuteranomaly
434B42

Tritanomaly
2C4F4E

Monochromacy



Original Color
295141

Achromatopsia
434343

Achromatomaly
3A4842

CSS Examples

Text

The CSS property to change the color of the text to Hex 295141 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 #295141 looks like.

```
.text, #text, p{  
    color:#295141  
}
```

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 #295141 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #295141
}
```

Border

The CSS property to change the border of an element to Hex 295141 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
#295141 }
```

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

```
.border{ border-color:#295141 }
```

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

Here you see how a box with a 4 pixel #295141 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #295141; -webkit-box-shadow:4px 4px  
4px 4px #295141; box-shadow:4px 4px 4px  
4px #295141 }
```

Background

The CSS property to change the background color of an element to Hex 295141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#295141 }
```

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

```
.background{ background-color:#295141 }
```

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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