

Converting Colors

Hex(295D57)

Have a look what the booklet for
Hex(295D57) contains.

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Color

Hex(295D57)

Conversions

Conversions Part 1

Format	Color
Hex	295D57
RGB	41, 93, 87
RGB Percent	16%, 36%, 34%
CMY	0.8392, 0.6353, 0.6588
CMYK	0.56, 0.00, 0.06, 0.64
HSL	173°, 39%, 26%
HSV	173°, 56%, 36%
XYZ	6.5491, 8.9882, 10.4066
YIQ	76.7680, -29.0660, -12.8900

Conversions

Conversions Part 2

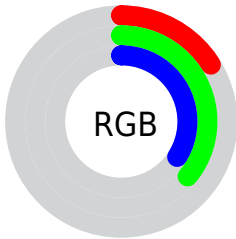
Format	Color
RYB	41, 69, 93
Decimal	2710871
CIELab	35.96, -18.99, -1.85
CIELCh	36, 19.080, 185.573
Yxy	8.9882, 0.2524, 0.3464
Android (android.graphics.Color)	4280900951 (0xFF295D57)
YUV	76.7680, 5.0444, -31.3685
Hunter-Lab	29.9804, -13.4730, 0.4060

Details

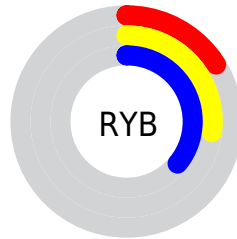
The Hex color **295D57** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5D292F**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **5C9089**, and **002F2A** is the 20% darker color. If you saturate the color by 10%, you get **205D56**, and if you desaturate by 10%, it is **325D58**.

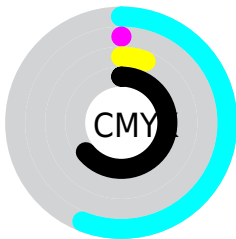
Distribution



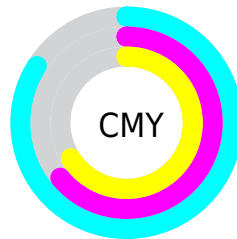
- Red (16%)
- Green (36%)
- Blue (34%)



- Red (16%)
- Yellow (27%)
- Blue (36%)



- Cyan (56%)
- Magenta (0%)
- Yellow (6%)
- Black (64%)



- Cyan (84%)
- Magenta (64%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 295D57 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 295D57 by changing the saturation by 10% instead.



295D57



295D57

FFFFFF



0D4540



5C9089



002F2A



75AAA3



001B15



90C6BE



000000



ABE2DA



C7FEF6



E3FFFF



295D57



295D57



205D56



325D58

■ 165D55

■ 3C5D59

■ 0D5D54

■ 455D5A

■ 045D53

■ 4E5D5B

■ 005D52

■ 585D5C

■ 615D5D

■ 6A5D5F

■ 735D60

■ 7D5D61

Harmonies

Analogous

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



3A5C47



295D57



225C66

Triad

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



295D57



5A506D



6A4F39

Complementary

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



295D57



5D292F

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.



724B44



295D57



6A4B62

Square

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



295D57



455573



724952



5C5536

Rectangle

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



295D57



285B6D



724952



6D4E3C

Sweetspot

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



295D57



637875



2F5D29



313D3C



BDBDBD



3D3D3D

Same Dimension

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



295D57



28786F



29495D



292E2D



006E61



00EDD2

Inverse Universe

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



5D292F



782831



5D3D29



2E292A



6E000D



ED001B

Previews

White Background



This preview shows how the Hex color 295D57 looks on a white background.

Color Contrast Check

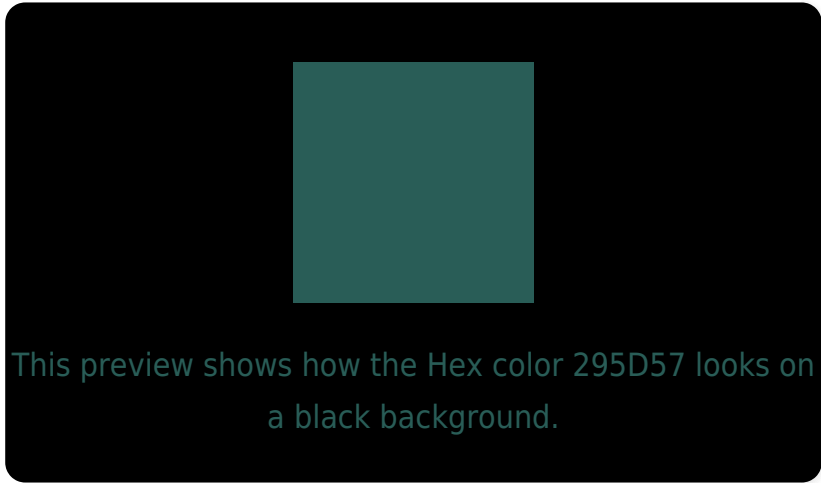
Large Text (above 18pt) WCAG AA ✓ Pass

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

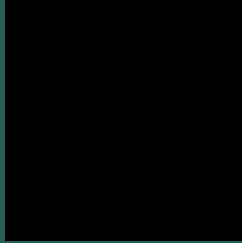
Any Text WCAG AA × Fail

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 295D57 Background



This preview shows how black text looks on a background with the Hex color 295D57.



This preview shows how white text looks on a background with the Hex color 295D57.

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](#).

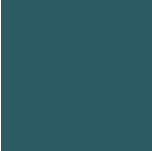
Dichromacy



Original Color
295D57

Protanopia
565452

Deuteranopia
5A5259



Tritanopia
2D5B63

Trichromacy



Original Color
295D57

Protanomaly
465754

Deuteranomaly
485658

Tritanomaly
2C5C5F

Monochromacy



Original Color
295D57

Achromatopsia
4D4D4D

Achromatomaly
405351

CSS Examples

Text

The CSS property to change the color of the text to Hex 295D57 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 #295D57 looks like.

```
.text, #text, p{  
    color:#295D57  
}
```

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 #295D57 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #295D57
}
```

Border

The CSS property to change the border of an element to Hex 295D57 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".

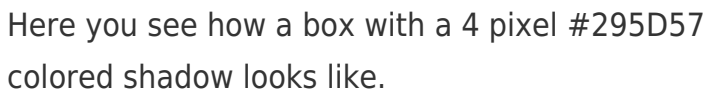
```
.border, #border, table{ border:4px solid
#295D57 }
```

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

```
.border{ border-color:#295D57 }
```

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

Here you see how a box with a 4 pixel #295D57 colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #295D57; -webkit-box-shadow:4px 4px  
4px 4px #295D57; box-shadow:4px 4px 4px  
4px #295D57 }
```

Background

The CSS property to change the background color of an element to Hex 295D57 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#295D57 }
```

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

```
.background{ background-color:#295D57 }
```

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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