

Converting Colors

Hex(295F4A)

Have a look what the booklet for
Hex(295F4A) contains.

Hex(295F4A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(295F4A)

Conversions

Conversions Part 1

Format	Color
Hex	295F4A
RGB	41, 95, 74
RGB Percent	16%, 37%, 29%
CMY	0.8392, 0.6275, 0.7098
CMYK	0.57, 0.00, 0.22, 0.63
HSL	157°, 40%, 27%
HSV	157°, 57%, 37%
XYZ	6.2427, 9.1502, 7.9157
YIQ	76.4600, -25.4430, -17.9790

Conversions

Conversions Part 2

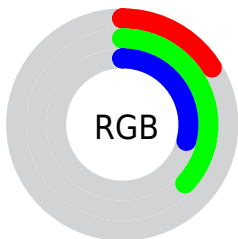
Format	Color
R_{YB}	41, 75, 95
Decimal	2711370
CIE _{Lab}	36.27, -23.58, 6.65
CIE _{LCh}	36, 24.496, 164.243
Yxy	9.1502, 0.2678, 0.3926
Android (android.graphics.Color)	4280901450 (0xFF295F4A)
YUV	76.4600, -1.2128, -31.0984
Hunter-Lab	30.2494, -16.0986, 5.6594

Details

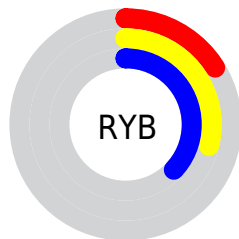
The Hex color **295F4A** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5F293E**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **5B927B**, and **00301E** is the 20% darker color. If you saturate the color by 10%, you get **205F46**, and if you desaturate by 10%, it is **335F4E**.

Distribution



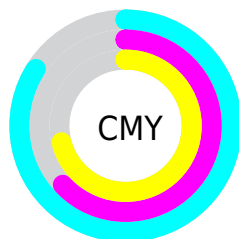
- Red (16%)
- Green (37%)
- Blue (29%)



- Red (16%)
- Yellow (29%)
- Blue (37%)



- Cyan (57%)
- Magenta (0%)
- Yellow (22%)
- Black (63%)



- Cyan (84%)
- Magenta (63%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 295F4A 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 295F4A by changing the saturation by 10% instead.



295F4A



295F4A

FFFFFF



0E4733



5B927B



00301E



75AD94



001D06



8FC8AF



000000



ABE4CA



C6FFE7



E3FFFF



295F4A



295F4A



205F46



335F4E

■ 165F43

■ 3C5F51

■ 0D5F3F

■ 465F55

■ 035F3B

■ 4F5F59

■ 005F3A

■ 595F5C

■ 625F60

■ 6C5F64

■ 755F68

■ 7E5F6B

Harmonies

Analogous

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



435C38



295F4A



03605E

Triad

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



295F4A



48547B



774A3B

Complementary

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



295F4A



5F293E

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.



7B464D



295F4A



634D72

Square

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



295F4A



235A7B



754761



6B5130

Rectangle

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



295F4A



005F6B



754761



7A4840

Sweetspot

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



295F4A



667A72



3F5F29



313D38



BDBDBD



3D3D3D

Same Dimension

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



295F4A



277A5A



295A5F



2C302F



007045



00F092

Inverse Universe

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



5F293E



7A2748



5F2E29



302C2D



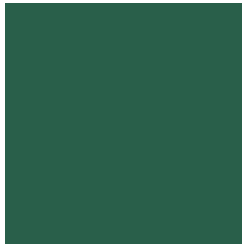
70002C



F0005D

Previews

White Background



This preview shows how the Hex color 295F4A 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

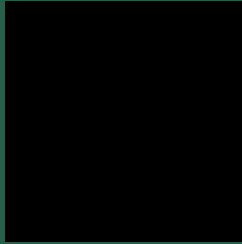
Any Text WCAG AA × Fail

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 295F4A Background



This preview shows how black text looks on a background with the Hex color 295F4A.

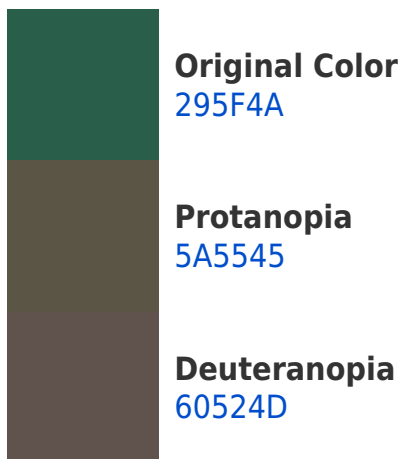



This preview shows how white text looks on a background with the Hex color 295F4A.

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





Tritanopia
315C63

Trichromacy



Original Color

295F4A

Protanomaly

485947

Deuteranomaly

4C574C

Tritanomaly

2E5D5A

Monochromacy



Original Color

295F4A

Achromatopsia

4C4C4C

Achromatomaly

3F534B

CSS Examples

Text

The CSS property to change the color of the text to Hex 295F4A 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 #295F4A looks like.

```
.text, #text, p{  
    color:#295F4A  
}
```

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 #295F4A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #295F4A
}
```

Border

The CSS property to change the border of an element to Hex 295F4A 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
#295F4A }
```

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

```
.border{ border-color:#295F4A }
```

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

Here you see how a box with a 4 pixel #295F4A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #295F4A; -webkit-box-shadow:4px 4px  
4px 4px #295F4A; box-shadow:4px 4px 4px  
4px #295F4A }
```

Background

The CSS property to change the background color of an element to Hex 295F4A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#295F4A }
```

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

```
.background{ background-color:#295F4A }
```

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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