

Converting Colors

Hex(275B4B)

Have a look what the booklet for
Hex(275B4B) contains.

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Color

Hex(275B4B)

Conversions

Conversions Part 1

Format	Color
Hex	275B4B
RGB	39, 91, 75
RGB Percent	15%, 36%, 29%
CMY	0.8471, 0.6431, 0.7059
CMYK	0.57, 0.00, 0.18, 0.64
HSL	162°, 40%, 25%
HSV	162°, 57%, 36%
XYZ	5.8478, 8.4215, 7.9739
YIQ	73.6280, -25.8560, -16.0000

Conversions

Conversions Part 2

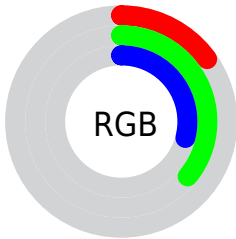
Format	Color
R_{YB}	39, 70, 91
Decimal	2579275
CIE _{Lab}	34.85, -21.77, 3.99
CIE _{LCh}	35, 22.137, 169.618
Yxy	8.4215, 0.2629, 0.3786
Android (android.graphics.Color)	4280769355 (0xFF275B4B)
YUV	73.6280, 0.6764, -30.3688
Hunter-Lab	29.0198, -14.8152, 4.0225

Details

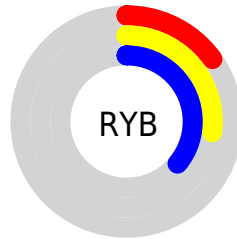
The Hex color **275B4B** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5B2737**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **598E7C**, and **002D1F** is the 20% darker color. If you saturate the color by 10%, you get **1E5B48**, and if you desaturate by 10%, it is **305B4E**.

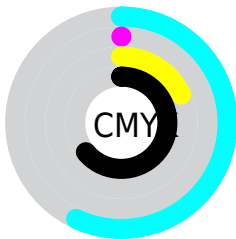
Distribution



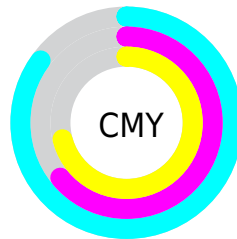
- Red (15%)
- Green (36%)
- Blue (29%)



- Red (15%)
- Yellow (27%)
- Blue (36%)



- Cyan (57%)
- Magenta (0%)
- Yellow (18%)
- Black (64%)



- Cyan (85%)
- Magenta (64%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 275B4B 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 275B4B by changing the saturation by 10% instead.

 275B4B

 275B4B

FFFFFF

 0B4334

 598E7C

 002D1F

 73A896

 001A07

 8DC3B0

 000000

 A8DFCC

 C4FCE8

 E0FFFF

 F0FFFF

 275B4B

 275B4B

■ 1E5B48

■ 305B4E

■ 155B45

■ 395B51

■ 0C5B43

■ 425B53

■ 035B40

■ 4B5B56

■ 005B3F

■ 555B59

■ 5E5B5C

■ 675B5F

■ 705B61

■ 795B64

Harmonies

Analogous

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



3E593B



275B4B



0E5B5D

Triad

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



275B4B



4B5073



6F4938

Complementary

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



275B4B



5B2737

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.



744547



275B4B



624969

Square

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



275B4B



2E5674



704559



634F2F

Rectangle

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



275B4B



085A68



704559



72473C

Sweetspot

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



275B4B



61756F



375B27



2F3B37



BABABA



3B3B3B

Same Dimension

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



275B4B



24755C



27515B



292E2C



006E4C



00EDA4

Inverse Universe

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



5B2737



75243D



5B3127



2E292B



6E0022



ED0049

Previews

White Background



This preview shows how the Hex color 275B4B looks on a white background.

Color Contrast Check

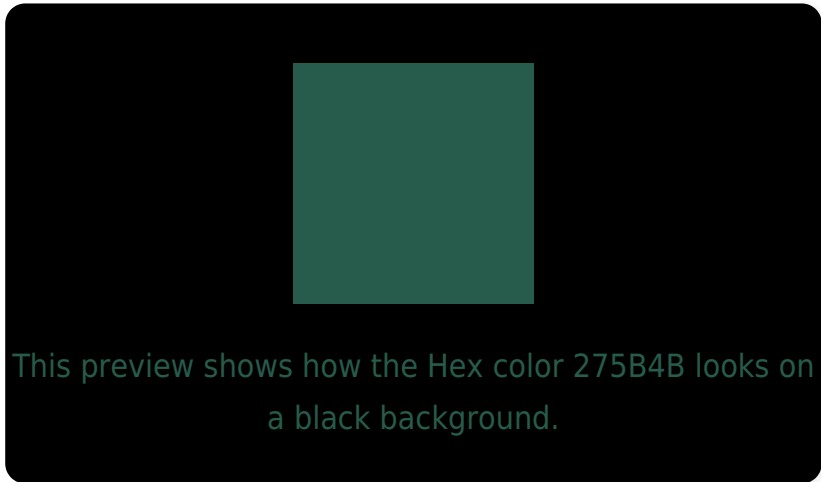
Large Text (above 18pt) WCAG AA ✓ Pass

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

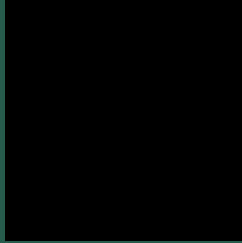
Any Text WCAG AA × Fail

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 275B4B Background



This preview shows how black text looks on a background with the Hex color 275B4B.



This preview shows how white text looks on a background with the Hex color 275B4B.

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](#).

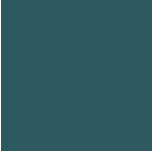
Dichromacy



Original Color
275B4B

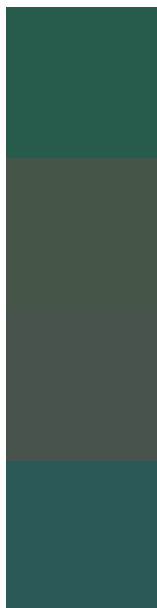
Protanopia
565146

Deuteranopia
5B4F4E



Tritanopia
2E585F

Trichromacy



Original Color

275B4B

Protanomaly

455548

Deuteranomaly

48534D

Tritanomaly

2B5958

Monochromacy



Original Color

275B4B

Achromatopsia

4A4A4A

Achromatomaly

3D504A

CSS Examples

Text

The CSS property to change the color of the text to Hex 275B4B 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 #275B4B looks like.

```
.text, #text, p{  
    color:#275B4B  
}
```

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 #275B4B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #275B4B
}
```

Border

The CSS property to change the border of an element to Hex 275B4B 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".

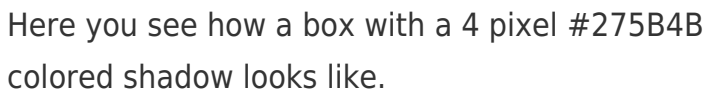
```
.border, #border, table{ border:4px solid
#275B4B }
```

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

```
.border{ border-color:#275B4B }
```

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

Here you see how a box with a 4 pixel #275B4B colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #275B4B colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #275B4B; -webkit-box-shadow:4px 4px  
4px 4px #275B4B; box-shadow:4px 4px 4px  
4px #275B4B }
```

Background

The CSS property to change the background color of an element to Hex 275B4B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#275B4B }
```

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

```
.background{ background-color:#275B4B }
```

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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