

Converting Colors

Hex(275A50)

Have a look what the booklet for
Hex(275A50) contains.

Hex(275A50)	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(275A50)

Conversions

Conversions Part 1

Format	Color
Hex	275A50
RGB	39, 90, 80
RGB Percent	15%, 35%, 31%
CMY	0.8471, 0.6471, 0.6863
CMYK	0.57, 0.00, 0.11, 0.65
HSL	168°, 40%, 25%
HSV	168°, 57%, 35%
XYZ	5.9408, 8.3229, 8.8828
YIQ	73.6110, -27.1860, -13.9220

Conversions

Conversions Part 2

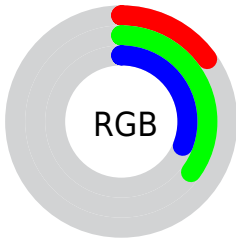
Format	Color
R_{YB}	39, 67, 90
Decimal	2579024
CIE _{Lab}	34.65, -19.87, 0.58
CIE _{LCh}	35, 19.882, 178.328
Yxy	8.3229, 0.2567, 0.3596
Android (android.graphics.Color)	4280769104 (0xFF275A50)
YUV	73.6110, 3.1498, -30.3538
Hunter-Lab	28.8494, -13.7286, 1.9390




Details

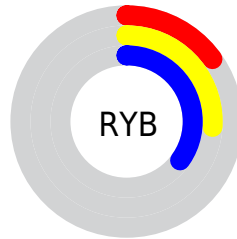
The Hex color **275A50** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5A2731**, and the grayscale version is **4A4A4A**.




A 20% lighter version of the original color is **598C81**, and **002C24** is the 20% darker color. If you saturate the color by 10%, you get **1E5A4E**, and if you desaturate by 10%, it is **305A52**.

Distribution







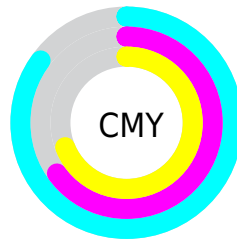
-  Red (15%)
-  Green (35%)
-  Blue (31%)






-  Red (15%)
-  Yellow (26%)
-  Blue (35%)



-  Cyan (57%)
-  Magenta (0%)
-  Yellow (11%)
-  Black (65%)



-  Cyan (85%)
-  Magenta (65%)
-  Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 275A50 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 275A50 by changing the saturation by 10% instead.

 275A50

 275A50

FFFFFF

 0B4239

 598C81

 002C24

 73A79B

 00190E

 8DC2B6

 000000

 A8DED1

 C4FBEE

 E0FFFF

 F0FFFF

 275A50

 275A50

■ 1E5A4E

■ 305A52

■ 155A4C

■ 395A54

■ 0C5A4B

■ 425A55

■ 035A49

■ 4B5A57

■ 005A48

■ 545A59

■ 5D5A5B

■ 665A5C

■ 6F5A5E

■ 785A60

Harmonies

Analogous

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



3A5840



275A50



1A5A60

Triad

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



275A50



524E6D



6A4B37

Complementary

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



275A50



5A2731

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.



704743



275A50



654862

Square

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



275A50



3A5371



6F4653



5D5032

Rectangle

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



275A50



1D5869



6F4653



6D493B

Sweetspot

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



275A50



617571



315A27



2F3B38



BABABA



3B3B3B

Same Dimension

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



275A50



267566



274B5A



292E2D



006E58



00EDBF

Inverse Universe

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



5A2731



752635



5A3627



2E292A



6E0016



ED002F

Previews

White Background



This preview shows how the Hex color 275A50 looks on a white background.

Color Contrast Check

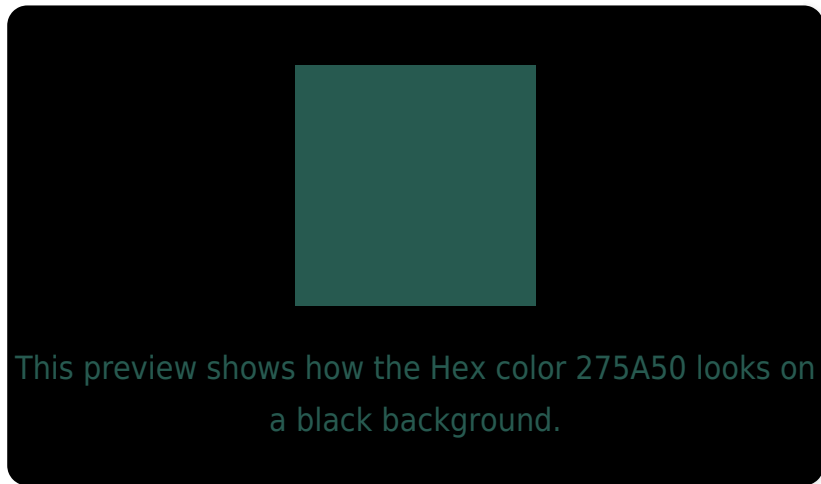
Large Text (above 18pt) WCAG AA ✓ Pass

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

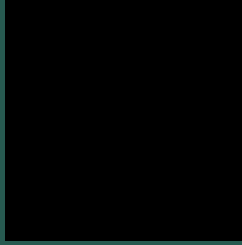
Any Text WCAG AA × Fail

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 275A50 Background



This preview shows how black text looks on a background with the Hex color 275A50.



This preview shows how white text looks on a background with the Hex color 275A50.

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](#).

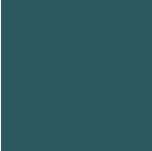
Dichromacy



Original Color
275A50

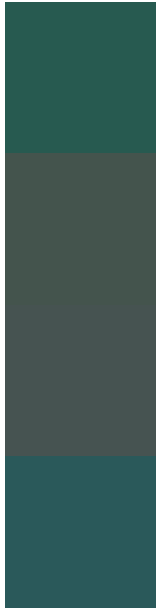
Protanopia
54514B

Deuteranopia
584F52



Tritanopia
2C585F

Trichromacy



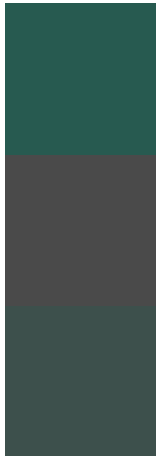
Original Color
275A50

Protanomaly
44544D

Deuteranomaly
465351

Tritanomaly
2A595A

Monochromacy



Original Color
275A50

Achromatopsia
4A4A4A

Achromatomaly
3D504C

CSS Examples

Text

The CSS property to change the color of the text to Hex 275A50 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 #275A50 looks like.

```
.text, #text, p{  
  color:#275A50  
}
```

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 #275A50 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #275A50
}
```

Border

The CSS property to change the border of an element to Hex 275A50 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
#275A50 }
```

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

```
.border{ border-color:#275A50 }
```

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

Here you see how a box with a 4 pixel #275A50 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #275A50; -webkit-box-shadow:4px 4px  
4px 4px #275A50; box-shadow:4px 4px 4px  
4px #275A50 }
```

Background

The CSS property to change the background color of an element to Hex 275A50 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#275A50 }
```

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

```
.background{ background-color:#275A50 }
```

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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