

Converting Colors

Hex(275876)

Have a look what the booklet for
Hex(275876) contains.

Hex(275876)	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(275876)

Conversions

Conversions Part 1

Format	Color
Hex	275876
RGB	39, 88, 118
RGB Percent	15%, 35%, 46%
CMY	0.8471, 0.6549, 0.5373
CMYK	0.67, 0.25, 0.00, 0.54
HSL	203°, 50%, 31%
HSV	203°, 67%, 46%
XYZ	7.5964, 8.7188, 18.4221
YIQ	76.7690, -38.8340, -1.0580

Conversions

Conversions Part 2

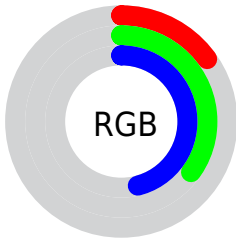
Format	Color
R_{YB}	39, 69, 118
Decimal	2578550
CIE _{Lab}	35.44, -6.34, -21.93
CIE _{LCh}	35, 22.830, 253.883
Yxy	8.7188, 0.2187, 0.2510
Android (android.graphics.Color)	4280768630 (0xFF275876)
YUV	76.7690, 20.3269, -33.1234
Hunter-Lab	29.5276, -5.7514, -16.3213




Details

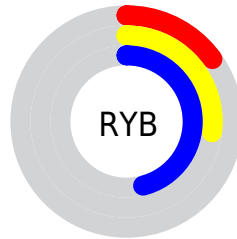
The Hex color **275876** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **764527**, and the grayscale version is **4D4D4D**.




A 20% lighter version of the original color is **5D8AAA**, and **002B45** is the 20% darker color. If you saturate the color by 10%, you get **1B5476**, and if you desaturate by 10%, it is **335C76**.

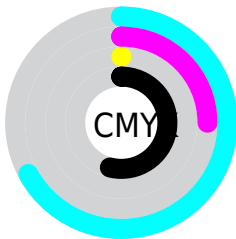
Distribution







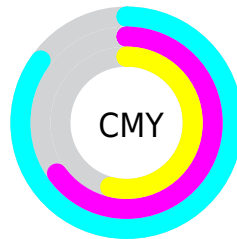
-  Red (15%)
-  Green (35%)
-  Blue (46%)






-  Red (15%)
-  Yellow (27%)
-  Blue (46%)



-  Cyan (67%)
-  Magenta (25%)
-  Yellow (0%)
-  Black (54%)



-  Cyan (85%)
-  Magenta (65%)
-  Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 275876 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 275876 by changing the saturation by 10% instead.

■ 275876

■ 275876

FFFFFF

■ 02415D

■ 5D8AAA

■ 002B45

■ 78A4C6

■ 00172F

■ 93BFE2

■ 00011A

■ AFDDBFE

■ 000000

■ CBF7FF

■ E8FFFF

■ 275876

■ 275876

■ 1B5476

■ 335C76

0F4F76

3F6176

044B76

4A6576

004976

566A76

626E76

6E7376

7A7776

857C76

918076

Harmonies

Analogous

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



055C6C



275876



475277

Triad

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



275876



77454B



435A38

Complementary

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



275876



764527

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.



57552F



275876



73493B

Square

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



275876



71465E



684F30



2B5C49

Rectangle

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



275876



594E72



684F30



4A5834

Sweetspot

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



275876



7A8D99



277644



3A464D



CCCCCC



4D4D4D

Same Dimension

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



275876



1F6B99



273276



35383B



004C7A



009BFA

Inverse Universe

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



762758



991F6B



766B27



3B3538



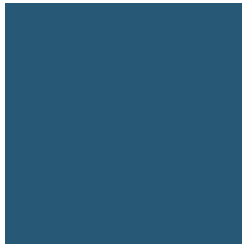
7A004C



FA009B

Previews

White Background



This preview shows how the Hex color 275876 looks on a white background.

Color Contrast Check

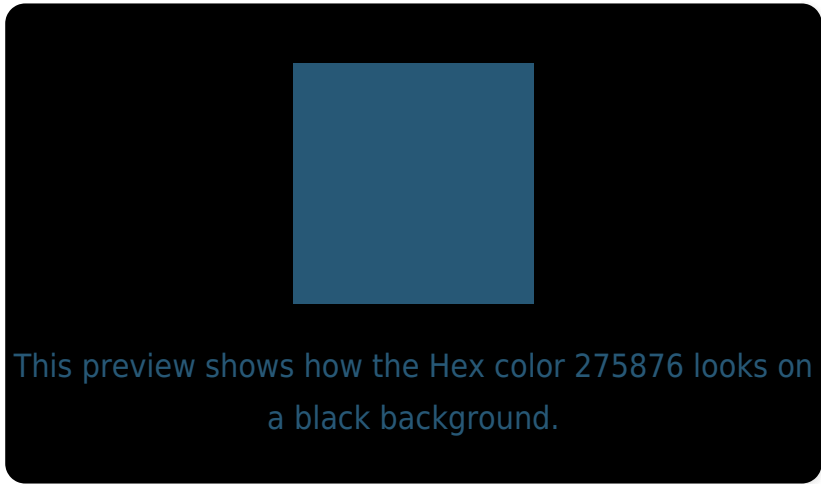
Large Text (above 18pt) WCAG AA ✓ Pass

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

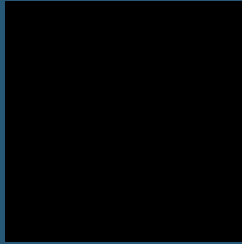
Any Text WCAG AA × Fail

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 275876 Background



This preview shows how black text looks on a background with the Hex color 275876.

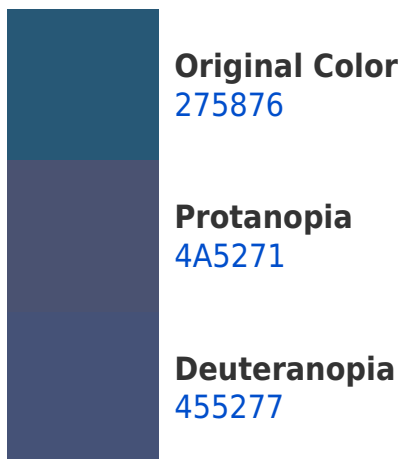



This preview shows how white text looks on a background with the Hex color 275876.

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
1C5C63

Trichromacy



Original Color
275876

Protanomaly
3D5473

Deuteranomaly
3A5477

Tritanomaly
205B6A

Monochromacy



Original Color
275876

Achromatopsia
4D4D4D

Achromatomaly
3F515C

CSS Examples

Text

The CSS property to change the color of the text to Hex 275876 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 #275876 looks like.

```
.text, #text, p{  
    color:#275876  
}
```

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 #275876 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #275876
}
```

Border

The CSS property to change the border of an element to Hex 275876 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
#275876 }
```

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

```
.border{ border-color:#275876 }
```

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

Here you see how a box with a 4 pixel #275876 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #275876; -webkit-box-shadow:4px 4px  
4px 4px #275876; box-shadow:4px 4px 4px  
4px #275876 }
```

Background

The CSS property to change the background color of an element to Hex 275876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#275876 }
```

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

```
.background{ background-color:#275876 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor