

# Converting Colors

Hex(275883)

Have a look what the booklet for  
Hex(275883) contains.

<b>Hex(275883)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(275883)**

# Conversions

## Conversions Part 1

Format	Color
Hex	275883
RGB	39, 88, 131
RGB Percent	15%, 35%, 51%
CMY	0.8471, 0.6549, 0.4863
CMYK	0.70, 0.33, 0.00, 0.49
HSL	208°, 54%, 33%
HSV	208°, 70%, 51%
XYZ	8.4232, 9.0495, 22.7755
YIQ	78.2510, -43.0070, 2.9850

# Conversions

## Conversions Part 2

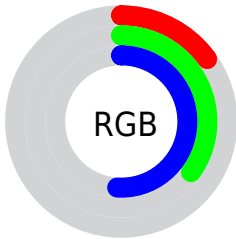
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	39, 71, 131
Decimal	2578563
CIE <sub>Lab</sub>	36.08, -1.56, -28.93
CIE <sub>LCh</sub>	36, 28.972, 266.913
Yxy	9.0495, 0.2093, 0.2248
Android (android.graphics.Color)	4280768643 (0xFF275883)
YUV	78.2510, 26.0053, -34.4231
Hunter-Lab	30.0823, -2.6635, -23.8311

# Details

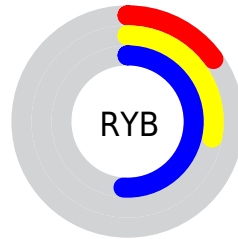
The Hex color **275883** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **835227**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **5F8AB8**, and **002B51** is the 20% darker color. If you saturate the color by 10%, you get **1A5283**, and if you desaturate by 10%, it is **345E83**.

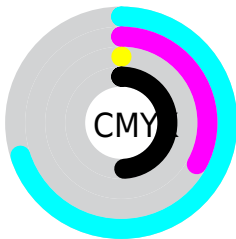
# Distribution



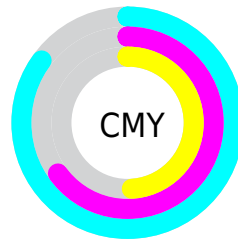
- Red (15%)
- Green (35%)
- Blue (51%)



- Red (15%)
- Yellow (28%)
- Blue (51%)



- Cyan (70%)
- Magenta (33%)
- Yellow (0%)
- Black (49%)



- Cyan (85%)
- Magenta (65%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 275883 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 275883 by changing the saturation by 10% instead.



■ 275883

■ 275883

FFFFFF

■ 00416A

■ 5F8AB8

■ 002B51

■ 7AA4D4

■ 00173A

■ 96BFF0

■ 000224

■ B2DBFF

■ 00000C

■ CFF7FF

■ 000000

■ ECF7FF

■ 275883

■ 275883

■ 1A5283

■ 345E83

0D4C83

416483

004683

4E6A83

5B7083

697783

767D83

838383

908983

9D8F83

# Harmonies

## Analogous

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



005E7B



275883



53507E

# Triad

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



275883



804341



315E3B

# Complementary

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



275883



835227

# 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.



4E5A2A



275883



774A2F

# Square

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



275883



7E4258



655325



006152

# Rectangle

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



275883



674A75



655325



3C5D34



# Sweetspot

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



275883



879AAB



278352



414D57



D6D6D6



575757



# Same Dimension

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



275883



1B68AB



272A83



3C3F42



004582



000103



# Inverse Universe

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



832758



AB1B68



838027



423C3F



820045



030001



# Previews

## White Background



This preview shows how the Hex color 275883 looks on a white background.

## Color Contrast Check

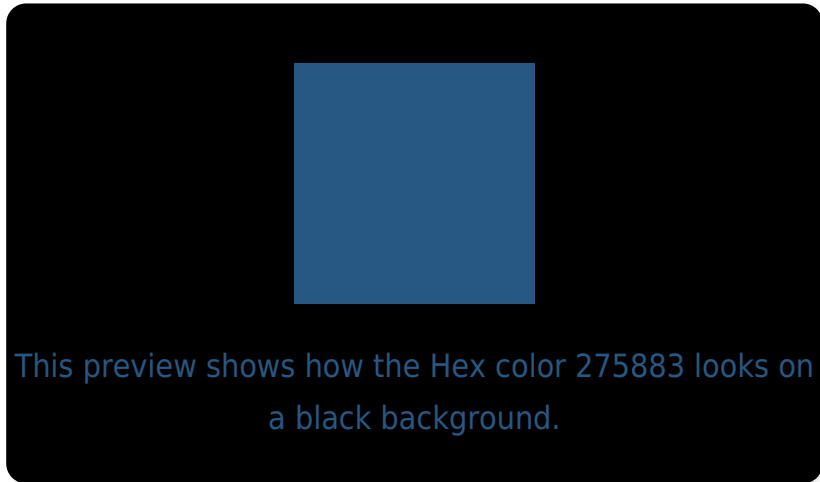
Large Text (above 18pt) WCAG AA ✓ Pass

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

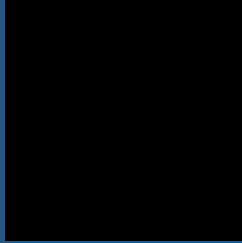
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 275883 Background



This preview shows how black text looks on a background with the Hex color 275883.



This preview shows how white text looks on a background with the Hex color 275883.

# 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](#).

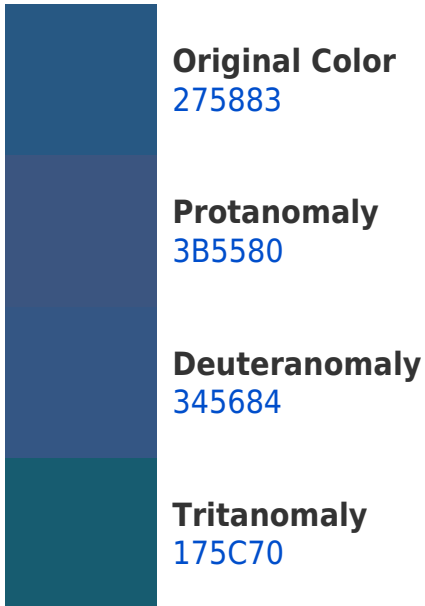
## Dichromacy





**Tritanopia**  
0E5E65

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 275883 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 #275883 looks like.

```
.text, #text, p{  
    color:#275883  
}
```

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 #275883 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #275883  
}
```

## Border

The CSS property to change the border of an element to Hex 275883 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  
#275883 }
```

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

```
.border{ border-color:#275883 }
```

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

Here you see how a box with a 4 pixel #275883 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #275883; -webkit-box-shadow:4px 4px  
4px 4px #275883; box-shadow:4px 4px 4px  
4px #275883 }
```

# Background

The CSS property to change the background color of an element to Hex 275883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#275883 }
```

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

```
.background{ background-color:#275883 }
```

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