

# Converting Colors

Hex(276265)

Have a look what the booklet for  
Hex(276265) contains.

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# Color

Hex(276265)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	276265
RGB	39, 98, 101
RGB Percent	15%, 38%, 40%
CMY	0.8471, 0.6157, 0.6039
CMYK	0.61, 0.03, 0.00, 0.60
HSL	183°, 44%, 27%
HSV	183°, 61%, 40%
XYZ	7.5533, 10.1063, 13.8645
YIQ	80.7010, -36.1270, -11.5750

# Conversions

## Conversions Part 2

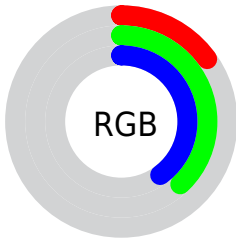
Format	Color
<b>R<sub>YB</sub></b>	39, 69, 101
Decimal	2581093
CIE Lab	38.03, -17.93, -7.46
CIE LCh	38, 19.422, 202.585
Yxy	10.1063, 0.2396, 0.3206
Android (android.graphics.Color)	4280771173 (0xFF276265)
YUV	80.7010, 10.0074, -36.5718
Hunter-Lab	31.7904, -13.2218, -3.6045




# Details

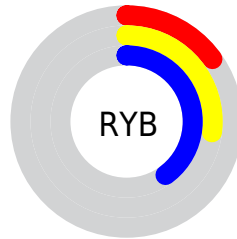
The Hex color **276265** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **652A27**, and the grayscale version is **515151**.




A 20% lighter version of the original color is **5C9598**, and **003336** is the 20% darker color. If you saturate the color by 10%, you get **1D6265**, and if you desaturate by 10%, it is **316265**.

# Distribution







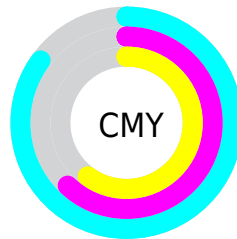
-  Red (15%)
-  Green (38%)
-  Blue (40%)






-  Red (15%)
-  Yellow (27%)
-  Blue (40%)



-  Cyan (61%)
-  Magenta (3%)
-  Yellow (0%)
-  Black (60%)



-  Cyan (85%)
-  Magenta (62%)
-  Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 276265 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 276265 by changing the saturation by 10% instead.



 276265

 276265

FFFFFF

 064A4D

 5C9598

 003336

 76B0B3

 001F21

 91CBCE

 00000A

 ACE7EA

 000000

 C8FFFF

 E5FFFF

 276265

 276265

 1D6265

 316265

■ 136165

■ 3B6365

■ 096165

■ 456365

■ 006065

■ 4F6465

■ 5A6465

■ 646565

■ 6E6565

■ 786665

■ 826665

# Harmonies

## Analogous

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



346255



276265



2B6072

# Triad

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



276265



6A516D



68573A

# Complementary

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



276265



652A27

# 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.



745241



276265



764E5E

# Square

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



276265



565776



794E4E



585C3C

# Rectangle

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



276265



375E77



794E4E



6D553C



# Sweetspot

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



276265



6B8182



276529



344242



C2C2C2



424242



# Same Dimension

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



276265



227D82



274465



2E3333



006D73



00E7F2



# Inverse Universe

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



652762



82227D



654827



332E33



73006D

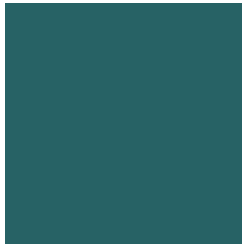


F200E7



# Previews

## White Background



This preview shows how the Hex color 276265 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 × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

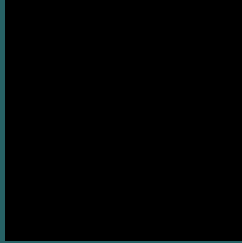
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 276265 Background



This preview shows how black text looks on a background with the Hex color 276265.

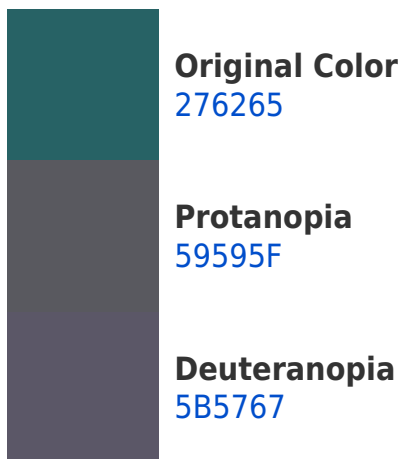


This preview shows how white text looks on a background with the Hex color 276265.

# 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](#).

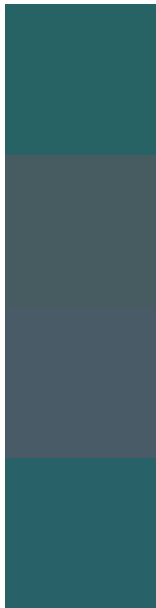
## Dichromacy





**Tritanopia**  
296169

# Trichromacy



**Original Color**  
276265

**Protanomaly**  
475C61

**Deuteranomaly**  
485B66

**Tritanomaly**  
286168

# Monochromacy



**Original Color**  
276265

**Achromatopsia**  
515151

**Achromatomaly**  
425758

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 276265 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 #276265 looks like.

```
.text, #text, p{  
    color:#276265  
}
```

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 #276265 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #276265
}
```

## Border

The CSS property to change the border of an element to Hex 276265 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
#276265 }
```

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

```
.border{ border-color:#276265 }
```

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

Here you see how a box with a 4 pixel #276265 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #276265; -webkit-box-shadow:4px 4px  
4px 4px #276265; box-shadow:4px 4px 4px  
4px #276265 }
```

# Background

The CSS property to change the background color of an element to Hex 276265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#276265 }
```

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

```
.background{ background-color:#276265 }
```

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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