

Converting Colors

Hex(276864)

Have a look what the booklet for
Hex(276864) contains.

Hex(276864)	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(276864)

Conversions

Conversions Part 1

Format	Color
Hex	276864
RGB	39, 104, 100
RGB Percent	15%, 41%, 39%
CMY	0.8471, 0.5922, 0.6078
CMYK	0.62, 0.00, 0.04, 0.59
HSL	176°, 45%, 28%
HSV	176°, 62%, 41%
XYZ	8.0873, 11.2521, 13.8022
YIQ	84.1090, -37.4560, -15.0240

Conversions

Conversions Part 2

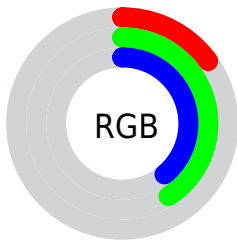
Format	Color
RYB	39, 73, 104
Decimal	2582628
CIELab	40.00, -21.47, -3.91
CIELCh	40, 21.824, 190.328
Yxy	11.2521, 0.2440, 0.3395
Android (android.graphics.Color)	4280772708 (0xFF276864)
YUV	84.1090, 7.8343, -39.5606
Hunter-Lab	33.5441, -15.6670, -0.9149

Details

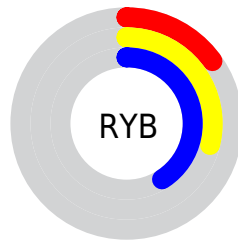
The Hex color **276864** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **68272B**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **5C9B97**, and **003836** is the 20% darker color. If you saturate the color by 10%, you get **1D6863**, and if you desaturate by 10%, it is **316865**.

Distribution



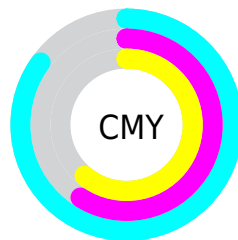
- Red (15%)
- Green (41%)
- Blue (39%)



- Red (15%)
- Yellow (29%)
- Blue (41%)



- Cyan (62%)
- Magenta (0%)
- Yellow (4%)
- Black (59%)



- Cyan (85%)
- Magenta (59%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 276864 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 276864 by changing the saturation by 10% instead.

 276864

 276864

FFFFFF

 04504C

 5C9B97

 003836

 77B6B1

 002320

 92D2CD

 00000A

 ADEFE9

 000000

 CAFFFF

 E6FFFF

 276864

 276864

 1D6863

 316865

■ 126863

■ 3C6865

■ 086862

■ 466866

■ 006862

■ 516867

■ 5B6867

■ 656868

■ 706868

■ 7A6869

■ 85686A

Harmonies

Analogous

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



3B6752



276864



206775

Triad

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



276864



685779



75593D

Complementary

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



276864



68272B

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.



7F5448



276864



7A526B

Square

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



276864



4F5E81



815159



645F3B

Rectangle

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



276864



2B657D



815159



795740

Sweetspot

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



276864



6D8786



2B6827



354544



C4C4C4



454545

Same Dimension

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



276864



228781



274C68



2E3333



00736C



00F2E3

Inverse Universe

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



68272B



872228



684327



332E2E



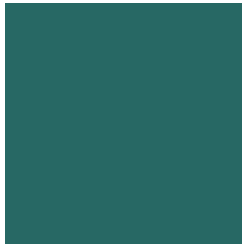
730007



F2000F

Previews

White Background



This preview shows how the Hex color 276864 looks on a white background.

Color Contrast Check

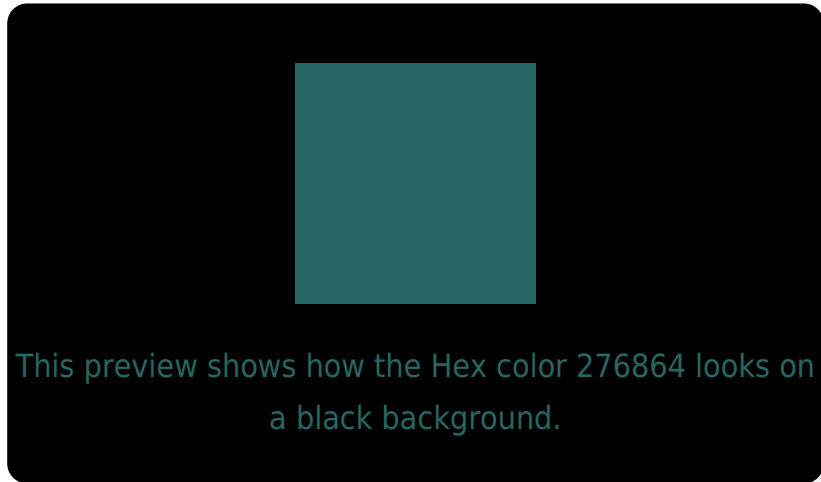
Large Text (above 18pt) WCAG AA ✓ Pass

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

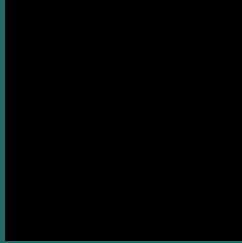
Any Text WCAG AA × Fail

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 276864 Background



This preview shows how black text looks on a background with the Hex color 276864.

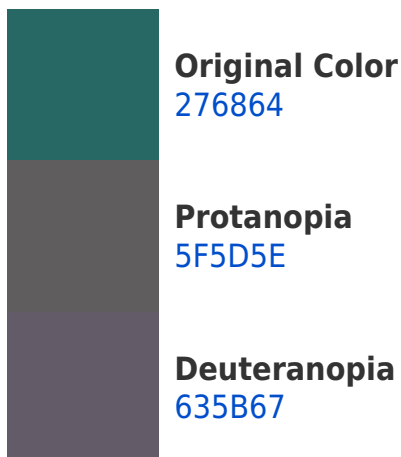



This preview shows how white text looks on a background with the Hex color 276864.

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](#).

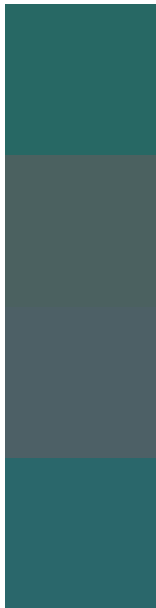
Dichromacy





Tritanopia
2C666F

Trichromacy



Original Color
276864

Protanomaly
4B6160

Deuteranomaly
4D6066

Tritanomaly
2A676B

Monochromacy



Original Color
276864

Achromatopsia
545454

Achromatomaly
445B5A

CSS Examples

Text

The CSS property to change the color of the text to Hex 276864 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 #276864 looks like.

```
.text, #text, p{  
    color:#276864  
}
```

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 #276864 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #276864
}
```

Border

The CSS property to change the border of an element to Hex 276864 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
#276864 }
```

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

```
.border{ border-color:#276864 }
```

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

Here you see how a box with a 4 pixel #276864 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #276864; -webkit-box-shadow:4px 4px  
4px 4px #276864; box-shadow:4px 4px 4px  
4px #276864 }
```

Background

The CSS property to change the background color of an element to Hex 276864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#276864 }
```

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

```
.background{ background-color:#276864 }
```

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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