

Converting Colors

Hex(275F68)

Have a look what the booklet for
Hex(275F68) contains.

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Color

Hex(275F68)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 275F68 |
| RGB | 39, 95, 104 |
| RGB Percent | 15%, 37%, 41% |
| CMY | 0.8471, 0.6275, 0.5922 |
| CMYK | 0.62, 0.09, 0.00, 0.59 |
| HSL | 188°, 45%, 28% |
| HSV | 188°, 62%, 41% |
| XYZ | 7.4276, 9.6152, 14.5612 |
| YIQ | 79.2820, -36.2650, -9.0730 |

Conversions

Conversions Part 2

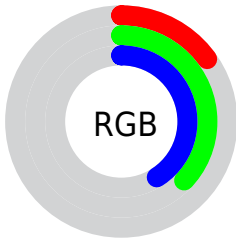
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 39, 69, 104 |
| Decimal | 2580328 |
| CIELab | 37.14, -15.30, -10.65 |
| CIELCh | 37, 18.640, 214.848 |
| Yxy | 9.6152, 0.2350, 0.3042 |
| Android (android.graphics.Color) | 4280770408 (0xFF275F68) |
| YUV | 79.2820, 12.1860, -35.3273 |
| Hunter-Lab | 31.0084, -11.5078, -6.1359 |

Details

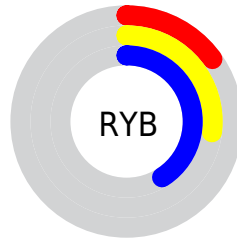
The Hex color **275F68** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **683027**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **5C929B**, and **003139** is the 20% darker color. If you saturate the color by 10%, you get **1D5E68**, and if you desaturate by 10%, it is **316068**.

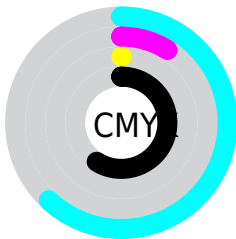
Distribution



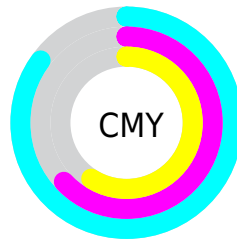
- Red (15%)
- Green (37%)
- Blue (41%)



- Red (15%)
- Yellow (27%)
- Blue (41%)



- Cyan (62%)
- Magenta (9%)
- Yellow (0%)
- Black (59%)



- Cyan (85%)
- Magenta (63%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 275F68 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 275F68 by changing the saturation by 10% instead.



275F68



275F68

FFFFFF



064750



5C929B



003139



76ACB6



001C23



91C8D2



00010E



ACE4EE



000000



C8FFFF



E5FFFF



275F68



275F68



1D5E68



316068

■ 125C68

■ 3C6268

■ 085B68

■ 466368

■ 005A68

■ 516568

■ 5B6668

■ 656868

■ 706968

■ 7A6B68

■ 856C68

Harmonies

Analogous

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



2E6059



275F68



325C72

Triad

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



275F68



6D4E64



605739

Complementary

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



275F68



683027

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.



6D523D



275F68



754C55

Square

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



275F68



5D5370



744E47



4F5C3E

Rectangle

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



275F68



405A75



744E47



64563A

Sweetspot

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



275F68



6D8487



276830



354345



C4C4C4



454545

Same Dimension

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



275F68



227987



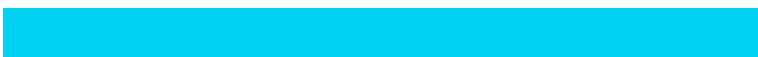
273F68



2E3233



006373



00D1F2

Inverse Universe

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



68275F



872279



685027



332E32



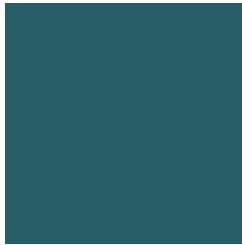
730063



F200D1

Previews

White Background



This preview shows how the Hex color 275F68 looks on a white background.

Color Contrast Check

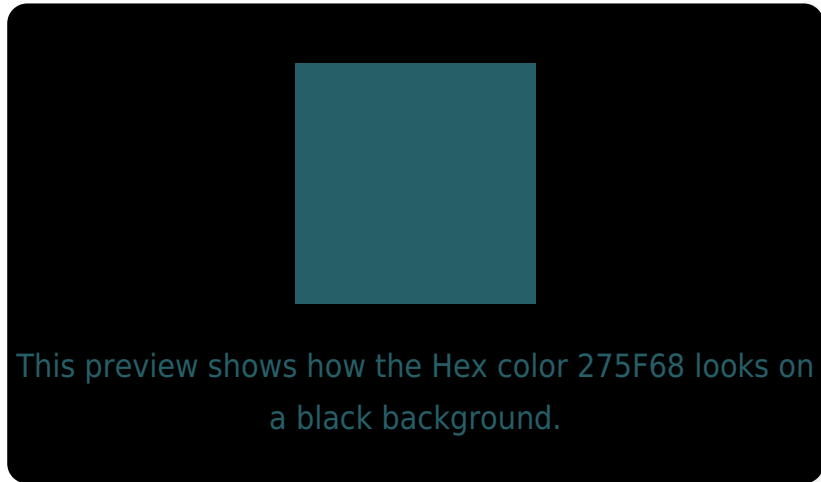
Large Text (above 18pt) WCAG AA ✓ Pass

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

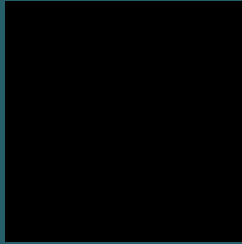
Any Text WCAG AA × Fail

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 275F68 Background



This preview shows how black text looks on a background with the Hex color 275F68.

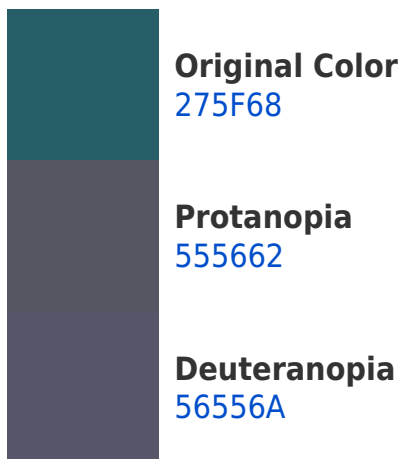


This preview shows how white text looks on a background with the Hex color 275F68.

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](#).

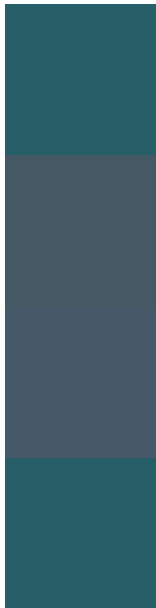
Dichromacy





Tritanopia
265F67

Trichromacy



Original Color
275F68

Protanomaly
445964

Deuteranomaly
455969

Tritanomaly
265F67

Monochromacy



Original Color
275F68

Achromatopsia
4F4F4F

Achromatomaly
405558

CSS Examples

Text

The CSS property to change the color of the text to Hex 275F68 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 #275F68 looks like.

```
.text, #text, p{  
    color:#275F68  
}
```

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 #275F68 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #275F68
}
```

Border

The CSS property to change the border of an element to Hex 275F68 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
#275F68 }
```

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

```
.border{ border-color:#275F68 }
```

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

Here you see how a box with a 4 pixel #275F68 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #275F68; -webkit-box-shadow:4px 4px  
4px 4px #275F68; box-shadow:4px 4px 4px  
4px #275F68 }
```

Background

The CSS property to change the background color of an element to Hex 275F68 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#275F68 }
```

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

```
.background{ background-color:#275F68 }
```

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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