

Converting Colors

Hex(275D70)

Have a look what the booklet for
Hex(275D70) contains.

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Color

Hex(275D70)

Conversions

Conversions Part 1

Format	Color
Hex	275D70
RGB	39, 93, 112
RGB Percent	15%, 36%, 44%
CMY	0.8471, 0.6353, 0.5608
CMYK	0.65, 0.17, 0.00, 0.56
HSL	196°, 48%, 30%
HSV	196°, 65%, 44%
XYZ	7.6757, 9.4299, 16.7448
YIQ	79.0200, -38.2830, -5.5390

Conversions

Conversions Part 2

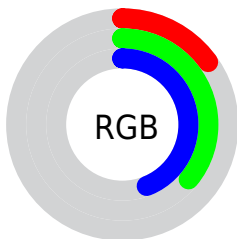
Format	Color
R_{YB}	39, 70, 112
Decimal	2579824
CIE _{Lab}	36.80, -11.46, -16.12
CIE _{LCh}	37, 19.779, 234.586
Yxy	9.4299, 0.2268, 0.2786
Android (android.graphics.Color)	4280769904 (0xFF275D70)
YUV	79.0200, 16.2591, -35.0975
Hunter-Lab	30.7081, -9.1221, -10.8346




Details

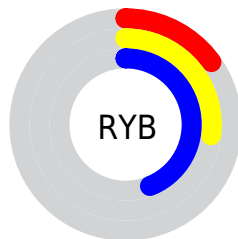
The Hex color **275D70** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **703A27**, and the grayscale version is **4F4F4F**.




A 20% lighter version of the original color is **5C8FA4**, and **002F40** is the 20% darker color. If you saturate the color by 10%, you get **1C5A70**, and if you desaturate by 10%, it is **326070**.

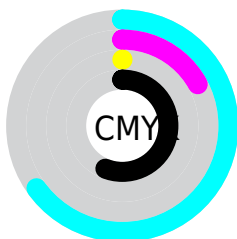
Distribution







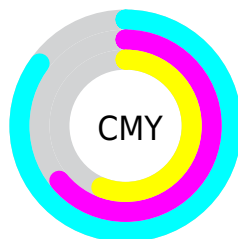
-  Red (15%)
-  Green (36%)
-  Blue (44%)






-  Red (15%)
-  Yellow (27%)
-  Blue (44%)



-  Cyan (65%)
-  Magenta (17%)
-  Yellow (0%)
-  Black (56%)



-  Cyan (85%)
-  Magenta (64%)
-  Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 275D70 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 275D70 by changing the saturation by 10% instead.

■ 275D70

■ 275D70

FFFFFF

■ 044558

■ 5C8FA4

■ 002F40

■ 77AABF

■ 001B2A

■ 92C5DB

■ 000116

■ AEE1F7

■ 000000

■ CAFEFF

■ E7FFFF

■ 275D70

■ 275D70

■ 1C5A70

■ 326070

■ 115770

■ 3D6370

■ 055470

■ 496670

■ 005370

■ 546970

■ 5F6C70

■ 6A6E70

■ 757170

■ 817470

■ 8C7770

Harmonies

Analogous

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



215F63



275D70



3D5976

Triad

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



275D70



744B5A



545A39

Complementary

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



275D70



703A27

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.



645537



275D70



764B4A

Square

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



275D70



684E69



704F3D



425D44

Rectangle

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



275D70



4D5575



704F3D



5A5838

Sweetspot

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



275D70



748A91



277039



38454A



C9C9C9



4A4A4A

Same Dimension

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



275D70



207491



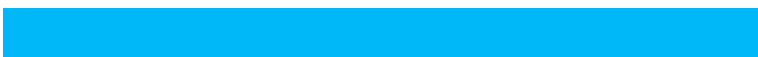
273970



323738



005978



00B7F7

Inverse Universe

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



70275D



912074



705E27



383237



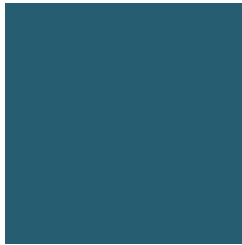
780059



F700B7

Previews

White Background



This preview shows how the Hex color 275D70 looks on a white background.

Color Contrast Check

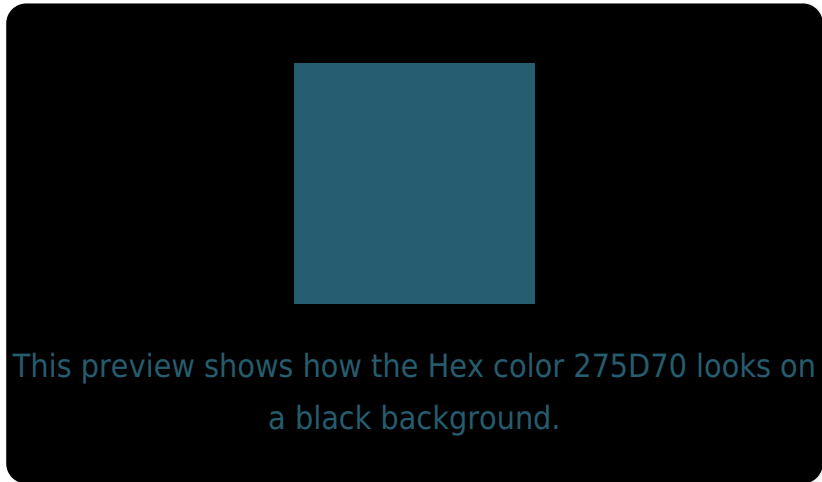
Large Text (above 18pt) WCAG AA ✓ Pass

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

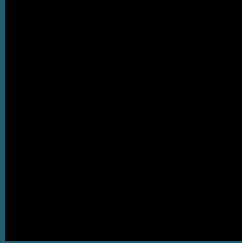
Any Text WCAG AA × Fail

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 275D70 Background



This preview shows how black text looks on a background with the Hex color 275D70.



This preview shows how white text looks on a background with the Hex color 275D70.

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](#).

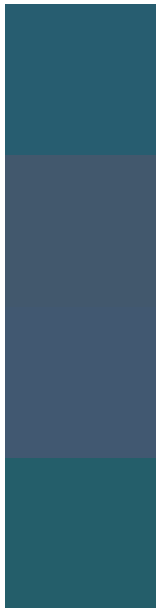
Dichromacy





Tritanopia
225F66

Trichromacy



Original Color
275D70

Protanomaly
42586D

Deuteranomaly
415871

Tritanomaly
245E6A

Monochromacy



Original Color
275D70

Achromatopsia
4F4F4F

Achromatomaly
40545B

CSS Examples

Text

The CSS property to change the color of the text to Hex 275D70 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 #275D70 looks like.

```
.text, #text, p{  
    color:#275D70  
}
```

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 #275D70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #275D70
}
```

Border

The CSS property to change the border of an element to Hex 275D70 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
#275D70 }
```

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

```
.border{ border-color:#275D70 }
```

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

Here you see how a box with a 4 pixel #275D70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #275D70; -webkit-box-shadow:4px 4px  
4px 4px #275D70; box-shadow:4px 4px 4px  
4px #275D70 }
```

Background

The CSS property to change the background color of an element to Hex 275D70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#275D70 }
```

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

```
.background{ background-color:#275D70 }
```

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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