

Converting Colors

Hex(275A74)

Have a look what the booklet for
Hex(275A74) contains.

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Color

Hex(275A74)

Conversions

Conversions Part 1

Format	Color
Hex	275A74
RGB	39, 90, 116
RGB Percent	15%, 35%, 45%
CMY	0.8471, 0.6471, 0.5451
CMYK	0.66, 0.22, 0.00, 0.55
HSL	200°, 50%, 30%
HSV	200°, 66%, 45%
XYZ	7.6453, 9.0046, 17.8581
YIQ	77.7150, -38.7420, -2.7260

Conversions

Conversions Part 2

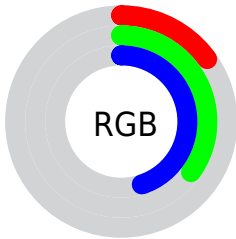
Format	Color
R_{YB}	39, 70, 116
Decimal	2579060
CIE _{Lab}	35.99, -8.27, -19.83
CIE _{LCh}	36, 21.490, 247.355
Yxy	9.0046, 0.2216, 0.2609
Android (android.graphics.Color)	4280769140 (0xFF275A74)
YUV	77.7150, 18.8745, -33.9531
Hunter-Lab	30.0077, -7.0359, -14.2791

Details

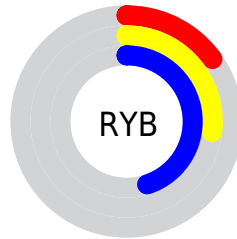
The Hex color **275A74** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **744127**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **5D8CA8**, and **002C44** is the 20% darker color. If you saturate the color by 10%, you get **1B5674**, and if you desaturate by 10%, it is **335E74**.

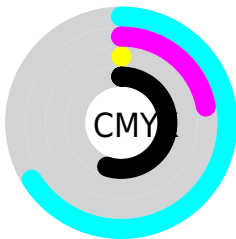
Distribution



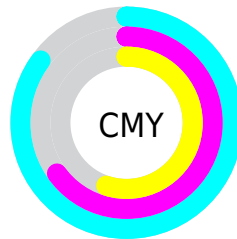
- Red (15%)
- Green (35%)
- Blue (45%)



- Red (15%)
- Yellow (27%)
- Blue (45%)



- Cyan (66%)
- Magenta (22%)
- Yellow (0%)
- Black (55%)



- Cyan (85%)
- Magenta (65%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 275A74 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 275A74 by changing the saturation by 10% instead.



275A74



275A74

FFFFFF



03435B



5D8CA8



002C44



77A6C3



00182D



93C2DF



000119



AEDDFC



000000



CAFAFF



E7FFFF



275A74



275A74



1B5674



335E74

■ 105274

■ 3E6274

■ 044E74

■ 4A6674

■ 004D74

■ 556A74

■ 616E74

■ 6D7274

■ 787574

■ 847974

■ 8F7D74

Harmonies

Analogous

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



145D69



275A74



435577

Triad

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



275A74



764751



495A39

Complementary

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



275A74



744127

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.



5C5532



275A74



754A41

Square

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



275A74



6E4962



6B4F35



355D47

Rectangle

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



275A74



555173



6B4F35



505836

Sweetspot

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



275A74



788C96



277441



3A464D



CCCCCC



4D4D4D

Same Dimension

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



275A74



1E6E96



273474



35393B



00517A



00A6FA

Inverse Universe

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



74275A



961E6E



746727



3B3539



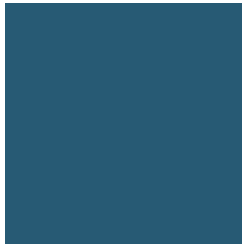
7A0051



FA00A6

Previews

White Background



This preview shows how the Hex color 275A74 looks on a white background.

Color Contrast Check

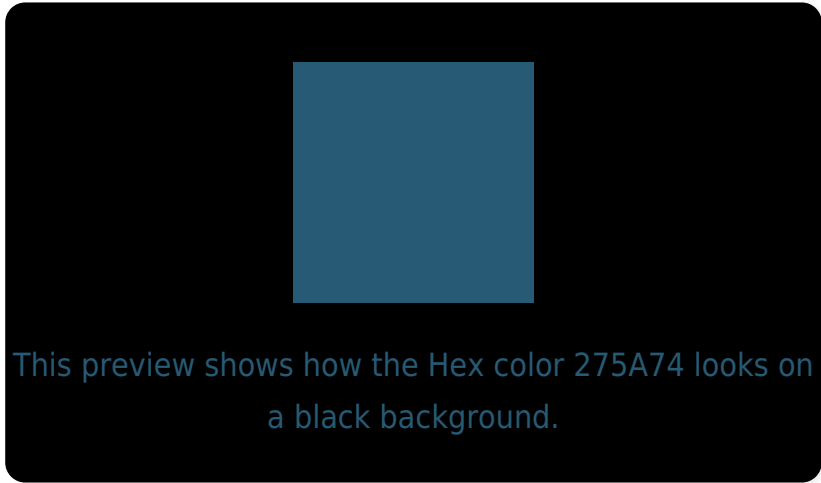
Large Text (above 18pt) WCAG AA ✓ Pass

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

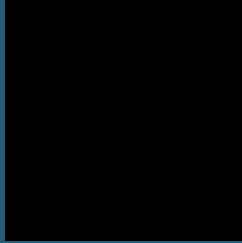
Any Text WCAG AA × Fail

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 275A74 Background



This preview shows how black text looks on a background with the Hex color 275A74.

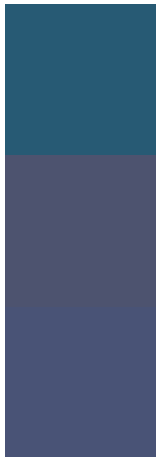


This preview shows how white text looks on a background with the Hex color 275A74.

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



Original Color
275A74

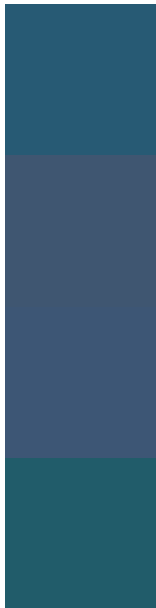
Protanopia
4D536F

Deuteranopia
495376



Tritanopia
1E5D64

Trichromacy



Original Color
275A74

Protanomaly
3F5671

Deuteranomaly
3D5675

Tritanomaly
215C6A

Monochromacy



Original Color
275A74

Achromatopsia
4E4E4E

Achromatomaly
40525C

CSS Examples

Text

The CSS property to change the color of the text to Hex 275A74 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 #275A74 looks like.

```
.text, #text, p{  
    color:#275A74  
}
```

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 #275A74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #275A74
}
```

Border

The CSS property to change the border of an element to Hex 275A74 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
#275A74 }
```

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

```
.border{ border-color:#275A74 }
```

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

Here you see how a box with a 4 pixel #275A74 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #275A74; -webkit-box-shadow:4px 4px  
4px 4px #275A74; box-shadow:4px 4px 4px  
4px #275A74 }
```

Background

The CSS property to change the background color of an element to Hex 275A74 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#275A74 }
```

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

```
.background{ background-color:#275A74 }
```

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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