

Converting Colors

Hex(256B74)

Have a look what the booklet for
Hex(256B74) contains.

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Color

Hex(256B74)

Conversions

Conversions Part 1

Format	Color
Hex	256B74
RGB	37, 107, 116
RGB Percent	15%, 42%, 45%
CMY	0.8549, 0.5804, 0.5451
CMYK	0.68, 0.08, 0.00, 0.55
HSL	187°, 52%, 30%
HSV	187°, 68%, 45%
XYZ	9.1730, 12.1697, 18.3885
YIQ	87.0960, -44.6090, -12.0410

Conversions

Conversions Part 2

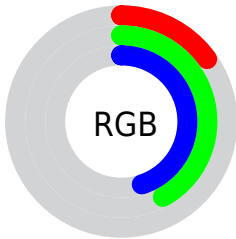
Format	Color
RYB	37, 74, 116
Decimal	2452340
CIELab	41.48, -18.43, -11.44
CIELCh	41, 21.691, 211.826
Yxy	12.1697, 0.2309, 0.3063
Android (android.graphics.Color)	4280642420 (0xFF256B74)
YUV	87.0960, 14.2497, -43.9342
Hunter-Lab	34.8850, -14.1122, -6.8333




Details

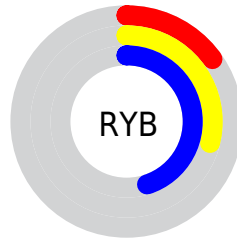
The Hex color **256B74** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **742E25**, and the grayscale version is **575757**.




A 20% lighter version of the original color is **5D9FA8**, and **003B44** is the 20% darker color. If you saturate the color by 10%, you get **196A74**, and if you desaturate by 10%, it is **316C74**.

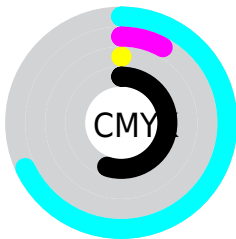
Distribution







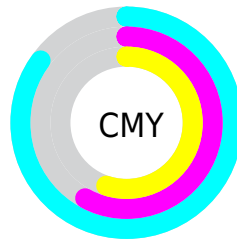
-  Red (15%)
-  Green (42%)
-  Blue (45%)






-  Red (15%)
-  Yellow (29%)
-  Blue (45%)



-  Cyan (68%)
-  Magenta (8%)
-  Yellow (0%)
-  Black (55%)



-  Cyan (85%)
-  Magenta (58%)
-  Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 256B74 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 256B74 by changing the saturation by 10% instead.

 256B74

 256B74

FFFFFF

 00535B

 5D9FA8

 003B44

 78BAC3

 00252E

 93D5DF

 000B19

 AFF2FC

 000000


 CCFFFF

 E9FFFF

 256B74

 256B74

 196A74

 316C74

■ 0E6874

■ 3C6E74

■ 026774

■ 486F74

■ 006774

■ 537074

■ 5F7274

■ 6B7374

■ 767474

■ 827674

■ 8D7774

Harmonies

Analogous

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



316C62



256B74



316881

Triad

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



256B74



795773



6D613E

Complementary

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



256B74



742E25

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.



7C5B43



256B74



845461

Square

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



256B74



665D80



845650



5A6643

Rectangle

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



256B74



426585



845650



735F3F

Sweetspot

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



256B74



789396



25742D



3A4A4D



CCCCCC



4D4D4D

Same Dimension

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



256B74



1B8896



254574



353A3B



006C7A



00DDFA

Inverse Universe

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



74256B



961B88



745425



3B353A



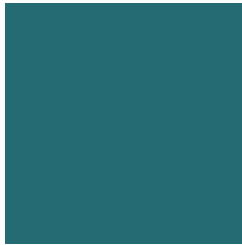
7A006C



FA00DD

Previews

White Background



This preview shows how the Hex color 256B74 looks on a white background.

Color Contrast Check

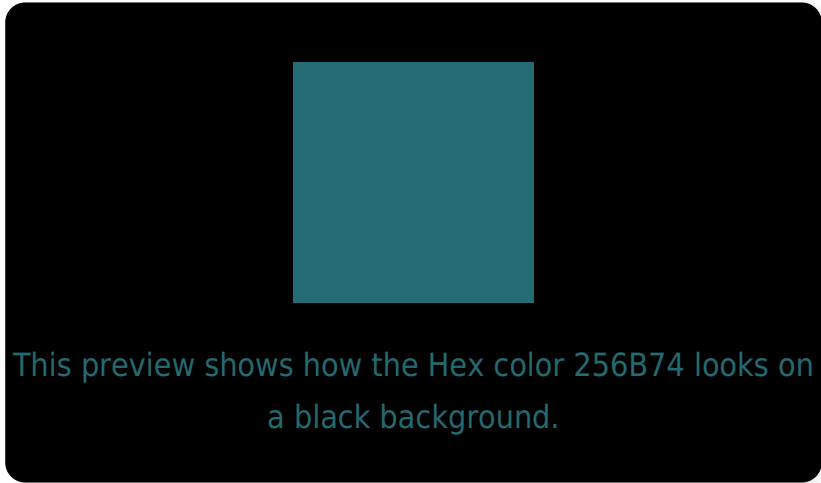
Large Text (above 18pt) WCAG AA ✓ Pass

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

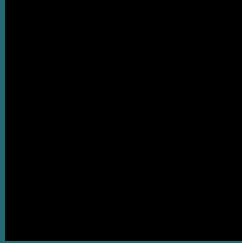
Any Text WCAG AA × Fail

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 256B74 Background



This preview shows how black text looks on a background with the Hex color 256B74.

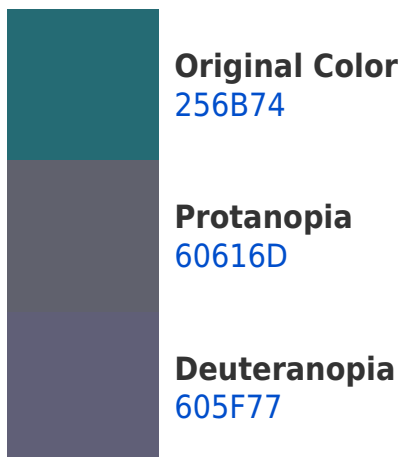


This preview shows how white text looks on a background with the Hex color 256B74.

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
256B74

Trichromacy



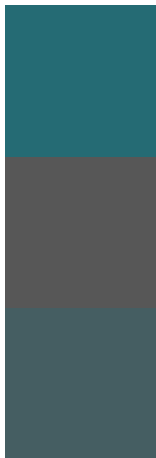
Original Color
256B74

Protanomaly
4B6570

Deuteranomaly
4B6376

Tritanomaly
256B74

Monochromacy



Original Color
256B74

Achromatopsia
575757

Achromatomaly
455E62

CSS Examples

Text

The CSS property to change the color of the text to Hex 256B74 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 #256B74 looks like.

```
.text, #text, p{  
    color:#256B74  
}
```

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 #256B74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #256B74
}
```

Border

The CSS property to change the border of an element to Hex 256B74 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
#256B74 }
```

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

```
.border{ border-color:#256B74 }
```

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

Here you see how a box with a 4 pixel #256B74 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #256B74; -webkit-box-shadow:4px 4px  
4px 4px #256B74; box-shadow:4px 4px 4px  
4px #256B74 }
```

Background

The CSS property to change the background color of an element to Hex 256B74 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#256B74 }
```

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

```
.background{ background-color:#256B74 }
```

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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