

Converting Colors

Hex(256E58)

Have a look what the booklet for
Hex(256E58) contains.

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Color

Hex(256E58)

Conversions

Conversions Part 1

Format	Color
Hex	256E58
RGB	37, 110, 88
RGB Percent	15%, 43%, 35%
CMY	0.8549, 0.5686, 0.6549
CMYK	0.66, 0.00, 0.20, 0.57
HSL	162°, 50%, 29%
HSV	162°, 66%, 43%
XYZ	8.1003, 12.2498, 11.1700
YIQ	85.6650, -36.4460, -22.3180

Conversions

Conversions Part 2

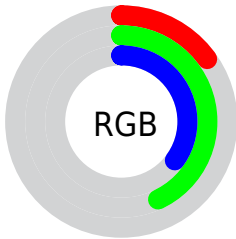
Format	Color
R_YB	37, 80, 110
Decimal	2453080
CIE _{Lab}	41.61, -28.29, 5.70
CIE _{LCh}	42, 28.855, 168.602
Y _{xy}	12.2498, 0.2570, 0.3886
Android (android.graphics.Color)	4280643160 (0xFF256E58)
Y_{UV}	85.6650, 1.1512, -42.6792
Hunter-Lab	34.9997, -19.9373, 5.5775

Details

The Hex color **256E58** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **6E253B**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **5BA28A**, and **003E2B** is the 20% darker color. If you saturate the color by 10%, you get **1A6E55**, and if you desaturate by 10%, it is **306E5B**.

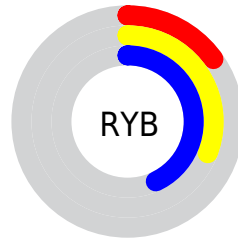
Distribution



Red (15%)

Green (43%)

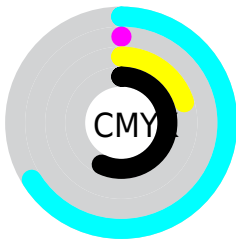
Blue (35%)



Red (15%)

Yellow (31%)

Blue (43%)

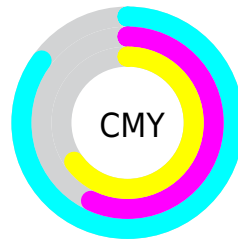


Cyan (66%)

Magenta (0%)

Yellow (20%)

Black (57%)



Cyan (85%)

Magenta (57%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 256E58 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 256E58 by changing the saturation by 10% instead.

 256E58

 256E58

FFFFFF

 005541

 5BA28A

 003E2B

 76BDA4

 002716

 91D9BF

 000B00

 ACF6DB

 000000

 C8FFF8

 E5FFFF

 256E58

 256E58

 1A6E55

 306E5B

■ 0F6E51

■ 3B6E5F

■ 046E4E

■ 466E62

■ 006E4D

■ 516E65

■ 5C6E69

■ 676E6C

■ 726E6F

■ 7D6E73

■ 886E76

Harmonies

Analogous

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



476B42



256E58



006F70

Triad

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



256E58



575F8F



895540

Complementary

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



256E58



6E253B

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.



905054



256E58



775782

Square

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



256E58



296790



8A506C



795E33

Rectangle

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



256E58



006D7F



8A506C



8D5346

Sweetspot

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



256E58



728F86



3C6E25



364742



C7C7C7



474747

Same Dimension

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



256E58



1D8F6C



25616E



323836



007854



00F7AD

Inverse Universe

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



6E253B



8F1D3F



6E3225



383234



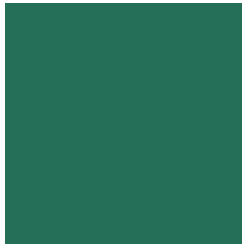
780024



F7004B

Previews

White Background



This preview shows how the Hex color 256E58 looks on a white background.

Color Contrast Check

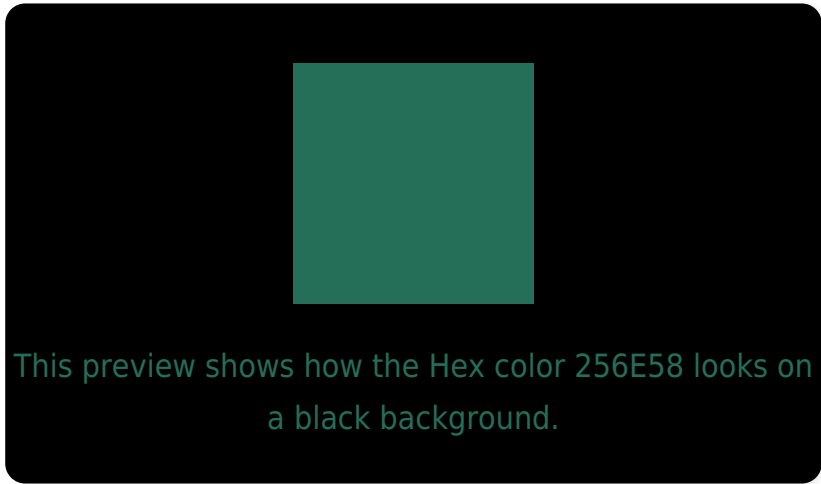
Large Text (above 18pt) WCAG AA ✓ Pass

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

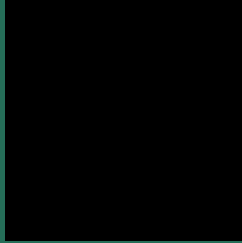
Any Text WCAG AA × Fail

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 256E58 Background



This preview shows how black text looks on a background with the Hex color 256E58.

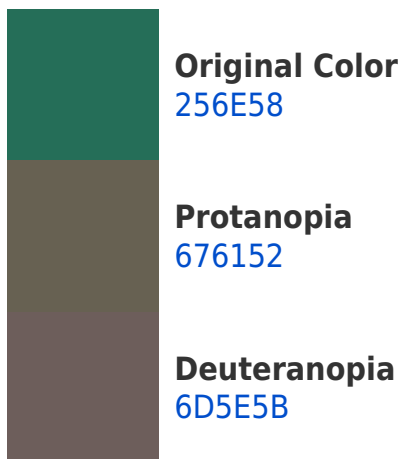



This preview shows how white text looks on a background with the Hex color 256E58.

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
306A73

Trichromacy



Original Color
256E58

Protanomaly
4F6654

Deuteranomaly
53645A

Tritanomaly
2C6B69

Monochromacy



Original Color
256E58

Achromatopsia
565656

Achromatomaly
445F57

CSS Examples

Text

The CSS property to change the color of the text to Hex 256E58 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 #256E58 looks like.

```
.text, #text, p{  
    color:#256E58  
}
```

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 #256E58 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #256E58  
}
```

Border

The CSS property to change the border of an element to Hex 256E58 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  
#256E58 }
```

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

```
.border{ border-color:#256E58 }
```

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

Here you see how a box with a 4 pixel #256E58 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #256E58; -webkit-box-shadow:4px 4px  
4px 4px #256E58; box-shadow:4px 4px 4px  
4px #256E58 }
```

Background

The CSS property to change the background color of an element to Hex 256E58 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#256E58 }
```

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

```
.background{ background-color:#256E58 }
```

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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