

Converting Colors

Hex(256A66)

Have a look what the booklet for
Hex(256A66) contains.

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Color

Hex(256A66)

Conversions

Conversions Part 1

Format	Color
Hex	256A66
RGB	37, 106, 102
RGB Percent	15%, 42%, 40%
CMY	0.8549, 0.5843, 0.6000
CMYK	0.65, 0.00, 0.04, 0.58
HSL	177°, 48%, 28%
HSV	177°, 65%, 42%
XYZ	8.3153, 11.6607, 14.3829
YIQ	84.9130, -39.8400, -15.8720

Conversions

Conversions Part 2

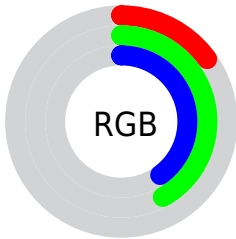
Format	Color
RYB	37, 73, 106
Decimal	2452070
CIELab	40.67, -22.31, -4.15
CIELCh	41, 22.693, 190.531
Yxy	11.6607, 0.2420, 0.3394
Android (android.graphics.Color)	4280642150 (0xFF256A66)
YUV	84.9130, 8.4239, -42.0197
Hunter-Lab	34.1478, -16.2924, -1.0692

Details

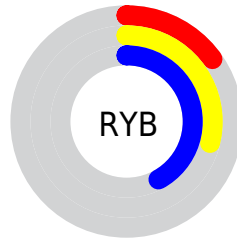
The Hex color **256A66** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **6A2529**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **5B9E99**, and **003A37** is the 20% darker color. If you saturate the color by 10%, you get **1A6A65**, and if you desaturate by 10%, it is **306A67**.

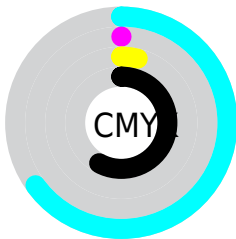
Distribution



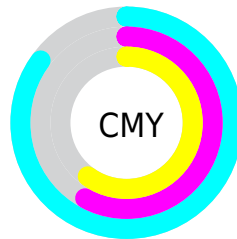
- Red (15%)
- Green (42%)
- Blue (40%)



- Red (15%)
- Yellow (29%)
- Blue (42%)



- Cyan (65%)
- Magenta (0%)
- Yellow (4%)
- Black (58%)



- Cyan (85%)
- Magenta (58%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 256A66 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 256A66 by changing the saturation by 10% instead.

 256A66

 256A66

FFFFFF

 00524E

 5B9E99

 003A37

 76B9B4

 002422

 91D5CF

 00050C

 ADF1EB

 000000

 C9FFFF

 E6FFFF

 256A66

 256A66

 1A6A65

 306A67

■ 106A65

■ 3A6A67

■ 056A64

■ 456A68

■ 006A64

■ 4F6A68

■ 5A6A69

■ 656A6A

■ 6F6A6A

■ 7A6A6B

■ 846A6C

Harmonies

Analogous

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



3B6953



256A66



1D6977

Triad

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



256A66



6B597C



775B3D

Complementary

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



256A66



6A2529

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.



825549



256A66



7D536D

Square

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



256A66



505F84



84525A



66613B

Rectangle

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



256A66



2A6780



84525A



7B5840

Sweetspot

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



256A66



6E8A88



2A6A25



344544



C4C4C4



454545

Same Dimension

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



256A66



1E8A83



254C6A



303635



00756E



00F5E7

Inverse Universe

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



6A2529



8A1E25



6A4325



363031



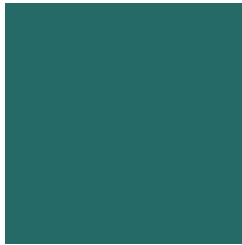
750007



F5000E

Previews

White Background



This preview shows how the Hex color 256A66 looks on a white background.

Color Contrast Check

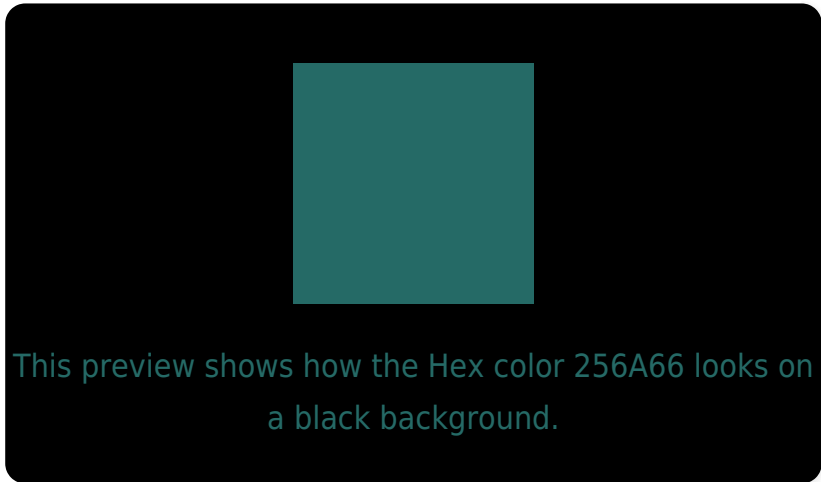
Large Text (above 18pt) WCAG AA ✓ Pass

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

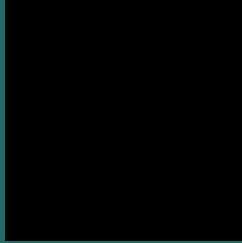
Any Text WCAG AA × Fail

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 256A66 Background



This preview shows how black text looks on a background with the Hex color 256A66.



This preview shows how white text looks on a background with the Hex color 256A66.

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
256A66

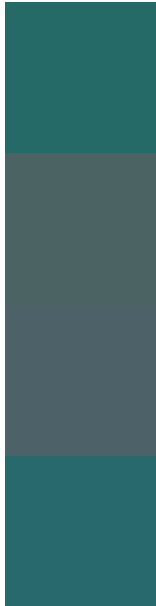
Protanopia
615F5F

Deuteranopia
645D69



Tritanopia
2A6871

Trichromacy



Original Color
256A66

Protanomaly
4B6362

Deuteranomaly
4D6268

Tritanomaly
28696D

Monochromacy



Original Color
256A66

Achromatopsia
555555

Achromatomaly
445D5B

CSS Examples

Text

The CSS property to change the color of the text to Hex 256A66 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 #256A66 looks like.

```
.text, #text, p{  
    color:#256A66  
}
```

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 #256A66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #256A66
}
```

Border

The CSS property to change the border of an element to Hex 256A66 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
#256A66 }
```

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

```
.border{ border-color:#256A66 }
```

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

Here you see how a box with a 4 pixel #256A66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #256A66; -webkit-box-shadow:4px 4px  
4px 4px #256A66; box-shadow:4px 4px 4px  
4px #256A66 }
```

Background

The CSS property to change the background color of an element to Hex 256A66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#256A66 }
```

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

```
.background{ background-color:#256A66 }
```

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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