

Converting Colors

Hex(256767)

Have a look what the booklet for
Hex(256767) contains.

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Color

Hex(256767)

Conversions

Conversions Part 1

Format	Color
Hex	256767
RGB	37, 103, 103
RGB Percent	15%, 40%, 40%
CMY	0.8549, 0.5961, 0.5961
CMYK	0.64, 0.00, 0.00, 0.60
HSL	180°, 47%, 27%
HSV	180°, 64%, 40%
XYZ	8.0614, 11.0731, 14.5444
YIQ	83.2660, -39.3360, -13.9920

Conversions

Conversions Part 2

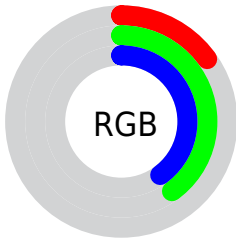
Format	Color
RYB	37, 70, 103
Decimal	2451303
CIELab	39.70, -20.42, -6.20
CIELCh	40, 21.338, 196.883
Yxy	11.0731, 0.2394, 0.3288
Android (android.graphics.Color)	4280641383 (0xFF256767)
YUV	83.2660, 9.7289, -40.5753
Hunter-Lab	33.2762, -14.9907, -2.6211

Details

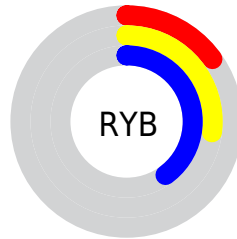
The Hex color **256767** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **672525**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **5B9A9A**, and **003838** is the 20% darker color. If you saturate the color by 10%, you get **1B6767**, and if you desaturate by 10%, it is **2F6767**.

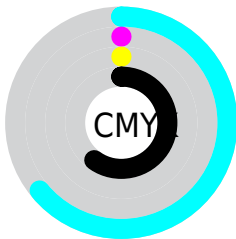
Distribution



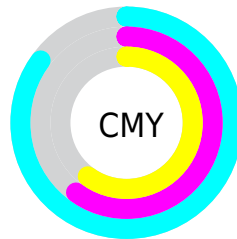
- Red (15%)
- Green (40%)
- Blue (40%)



- Red (15%)
- Yellow (27%)
- Blue (40%)



- Cyan (64%)
- Magenta (0%)
- Yellow (0%)
- Black (60%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 256767 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 256767 by changing the saturation by 10% instead.



256767



256767

FFFFFF



004F4F



5B9A9A



003838



76B5B5



002223



91D1D0



00010D



ACEDED



000000



C8FFFF



E5FFFF



256767



256767



1B6767



2F6767

■ 106767

■ 3A6767

■ 066767

■ 446767

■ 006767

■ 4E6767

■ 596767

■ 636767

■ 6D6767

■ 776767

■ 826767

Harmonies

Analogous

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



376755



256767



246576

Triad

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



256767



6C5675



705A3C

Complementary

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



256767



672525

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.



7C5445



256767



7B5166

Square

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



256767



555C7F



805154



60603C

Rectangle

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



256767



32637D



805154



75583E

Sweetspot

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



256767



6D8787



256725



354545



C4C4C4



454545

Same Dimension

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



256767



1F8787



254667



2E3333



007373



00F2F2

Inverse Universe

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



672567



871F87



674625



332E33



730073



F200F2

Previews

White Background



This preview shows how the Hex color 256767 looks on a white background.

Color Contrast Check

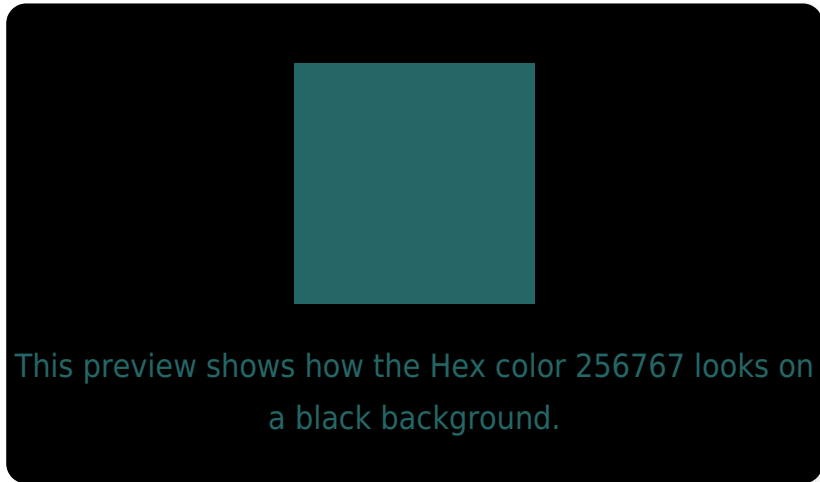
Large Text (above 18pt) WCAG AA ✓ Pass

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

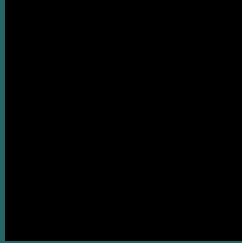
Any Text WCAG AA × Fail

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 256767 Background



This preview shows how black text looks on a background with the Hex color 256767.



This preview shows how white text looks on a background with the Hex color 256767.

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
256767

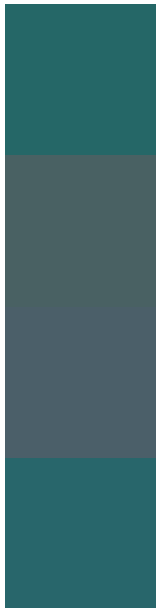
Protanopia
5E5D61

Deuteranopia
605B6A



Tritanopia
29666E

Trichromacy



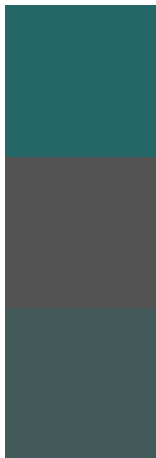
Original Color
256767

Protanomaly
496163

Deuteranomaly
4B5F69

Tritanomaly
28666B

Monochromacy



Original Color
256767

Achromatopsia
535353

Achromatomaly
425A5A

CSS Examples

Text

The CSS property to change the color of the text to Hex 256767 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 #256767 looks like.

```
.text, #text, p{  
    color:#256767  
}
```

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 #256767 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #256767
}
```

Border

The CSS property to change the border of an element to Hex 256767 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
#256767 }
```

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

```
.border{ border-color:#256767 }
```

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

Here you see how a box with a 4 pixel #256767 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #256767; -webkit-box-shadow:4px 4px  
4px 4px #256767; box-shadow:4px 4px 4px  
4px #256767 }
```

Background

The CSS property to change the background color of an element to Hex 256767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#256767 }
```

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

```
.background{ background-color:#256767 }
```

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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