

# Converting Colors

Hex(256068)

Have a look what the booklet for  
Hex(256068) contains.

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# Color

**Hex(256068)**

# Conversions

## Conversions Part 1

Format	Color
Hex	256068
RGB	37, 96, 104
RGB Percent	15%, 38%, 41%
CMY	0.8549, 0.6235, 0.5922
CMYK	0.64, 0.08, 0.00, 0.59
HSL	187°, 48%, 28%
HSV	187°, 64%, 41%
XYZ	7.4445, 9.7585, 14.5879
YIQ	79.2710, -37.7320, -10.0200

# Conversions

## Conversions Part 2

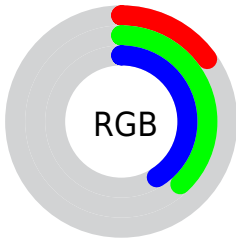
Format	Color
<b>RYB</b>	37, 68, 104
Decimal	2449512
CIELab	37.41, -16.27, -10.26
CIELCh	37, 19.233, 212.241
Yxy	9.7585, 0.2342, 0.3070
Android (android.graphics.Color)	4280639592 (0xFF256068)
YUV	79.2710, 12.1914, -37.0717
Hunter-Lab	31.2387, -12.1291, -5.8204

# Details

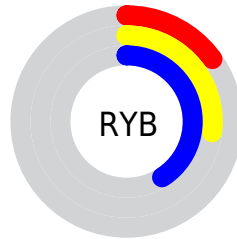
The Hex color **256068** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **682D25**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **5A939B**, and **003139** is the 20% darker color. If you saturate the color by 10%, you get **1B5F68**, and if you desaturate by 10%, it is **2F6168**.

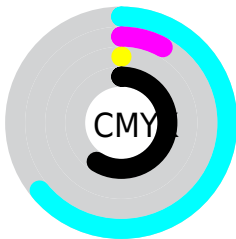
# Distribution



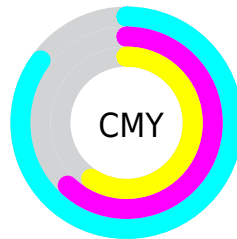
- Red (15%)
- Green (38%)
- Blue (41%)



- Red (15%)
- Yellow (27%)
- Blue (41%)



- Cyan (64%)
- Magenta (8%)
- Yellow (0%)
- Black (59%)



- Cyan (85%)
- Magenta (62%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 256068 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 256068 by changing the saturation by 10% instead.



 256068

 256068

FFFFFF

 024850

 5A939B

 003139

 75ADB6

 001D23

 90C9D2

 00010E

 ABE5EE

 000000

 C7FFFF

 E4FFFF

 256068

 256068

 1B5F68

 2F6168

■ 105E68

■ 3A6268

■ 065C68

■ 446468

■ 005C68

■ 4F6568

■ 596668

■ 636768

■ 6E6968

■ 786A68

■ 836B68

# Harmonies

## Analogous

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



2E6159



256068



2F5D73

# Triad

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



256068



6D4F67



625739

# Complementary

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



256068



682D25

# 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.



6F523D



256068



764C57

# Square

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



256068



5C5472



764E48



515C3D

# Rectangle

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



256068



3D5B76



764E48



675639



# Sweetspot

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



256068



6D8487



25682D



354345



C4C4C4



454545



# Same Dimension

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



256068



1F7B87



253F68



2E3233



006573



00D5F2



# Inverse Universe

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



682560



871F7B



684E25



332E32



730065



F200D5



# Previews

## White Background



This preview shows how the Hex color 256068 looks on a white background.

## Color Contrast Check

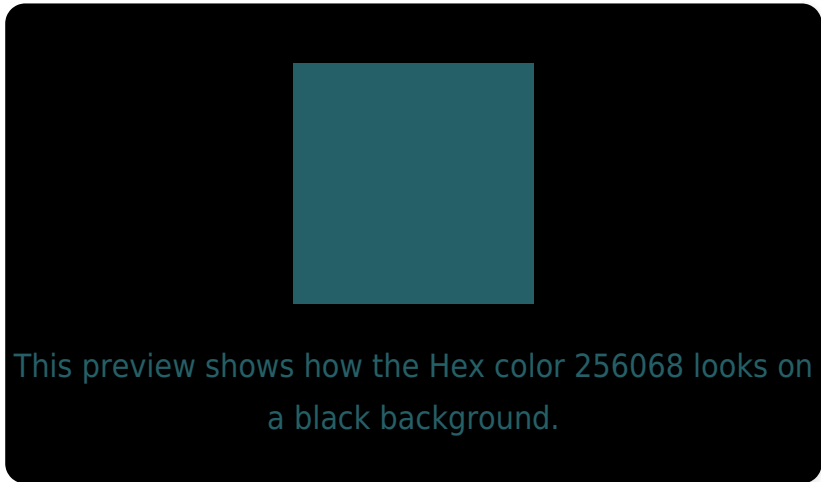
Large Text (above 18pt) WCAG AA ✓ Pass

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

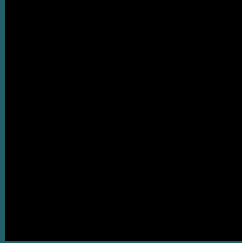
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

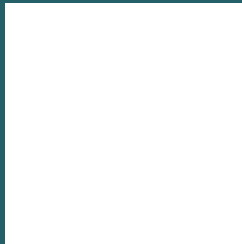
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 256068 Background



This preview shows how black text looks on a background with the Hex color 256068.



This preview shows how white text looks on a background with the Hex color 256068.

# 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**  
256068

**Protanopia**  
565762

**Deuteranopia**  
57566A



**Tritanopia**  
256068

# Trichromacy



**Original Color**  
256068

**Protanomaly**  
445A64

**Deuteranomaly**  
455A69

**Tritanomaly**  
256068

# Monochromacy



**Original Color**  
256068

**Achromatopsia**  
4F4F4F

**Achromatomaly**  
405558

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 256068 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 #256068 looks like.

```
.text, #text, p{  
    color:#256068  
}
```

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 #256068 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #256068  
}
```

## Border

The CSS property to change the border of an element to Hex 256068 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  
#256068 }
```

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

```
.border{ border-color:#256068 }
```

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

Here you see how a box with a 4 pixel #256068 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #256068; -webkit-box-shadow:4px 4px  
4px 4px #256068; box-shadow:4px 4px 4px  
4px #256068 }
```

# Background

The CSS property to change the background color of an element to Hex 256068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#256068 }
```

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

```
.background{ background-color:#256068 }
```

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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