

# Converting Colors

Hex(236869)

Have a look what the booklet for  
Hex(236869) contains.

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# Color

Hex(236869)

# Conversions

## Conversions Part 1

Format	Color
Hex	236869
RGB	35, 104, 105
RGB Percent	14%, 41%, 41%
CMY	0.8627, 0.5922, 0.5882
CMYK	0.67, 0.01, 0.00, 0.59
HSL	181°, 50%, 27%
HSV	181°, 67%, 41%
XYZ	8.1933, 11.2779, 15.1096
YIQ	83.4830, -41.4450, -14.3170

# Conversions

## Conversions Part 2

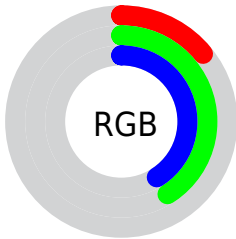
Format	Color
<b>RYB</b>	35, 70, 105
Decimal	2320489
CIELab	40.04, -20.70, -6.92
CIELCh	40, 21.823, 198.476
Yxy	11.2779, 0.2369, 0.3261
Android (android.graphics.Color)	4280510569 (0xFF236869)
YUV	83.4830, 10.6079, -42.5196
Hunter-Lab	33.5825, -15.2202, -3.1683

# Details

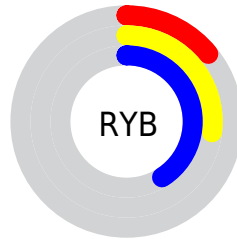
The Hex color **236869** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **692423**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **5A9B9C**, and **00383A** is the 20% darker color. If you saturate the color by 10%, you get **196869**, and if you desaturate by 10%, it is **2E6869**.

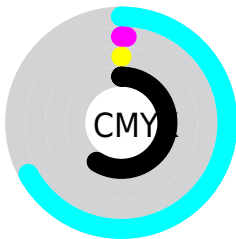
# Distribution



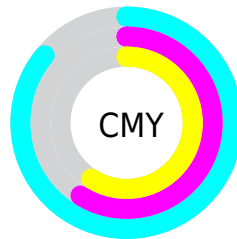
- Red (14%)
- Green (41%)
- Blue (41%)



- Red (14%)
- Yellow (27%)
- Blue (41%)



- Cyan (67%)
- Magenta (1%)
- Yellow (0%)
- Black (59%)



- Cyan (86%)
- Magenta (59%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 236869 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 236869 by changing the saturation by 10% instead.



 236869

 236869

FFFFFF

 005051

 5A9B9C

 00383A

 75B6B7

 002324

 90D2D3

 000110

 ABEFEE

 000000

 C8FFFF

 E4FFFF

 236869

 236869

 196869

 2E6869

■ 0E6869

■ 386869

■ 046869

■ 436869

■ 006869

■ 4D6969

■ 586969

■ 626969

■ 6D6969

■ 776969

■ 826969

# Harmonies

## Analogous

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



366857



236869



246678

# Triad

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



236869



6E5676



715B3C

# Complementary

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



236869



692423

# 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.



7D5544



236869



7D5266

# Square

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



236869



575C80



825154



5F613C

# Rectangle

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



236869



32647F



825154



76593E



# Sweetspot

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



236869



6E898A



236923



344545



C4C4C4



454545



# Same Dimension

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



236869



1C888A



234669



303536



007475



00F1F5



# Inverse Universe

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



692368



8A1C88



694623



363035



750074



F500F1



# Previews

## White Background



This preview shows how the Hex color 236869 looks on a white background.

## Color Contrast Check

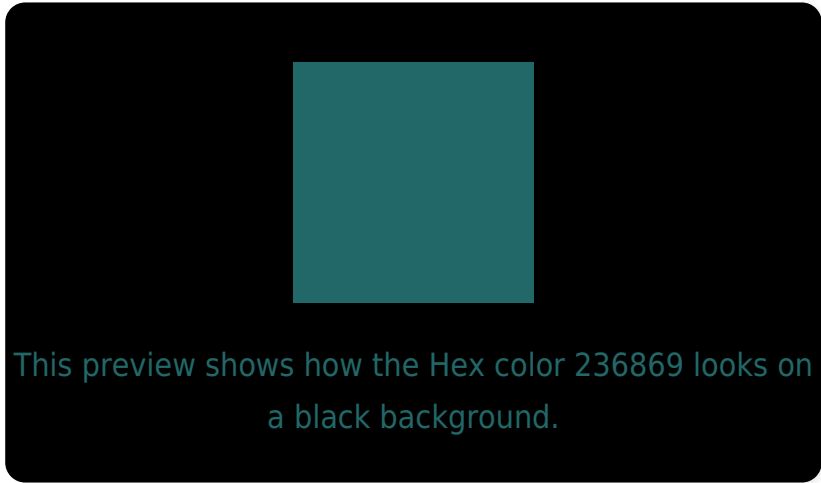
Large Text (above 18pt) WCAG AA ✓ Pass

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

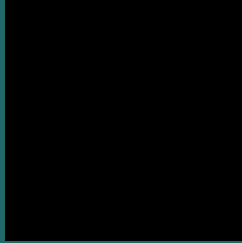
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 236869 Background



This preview shows how black text looks on a background with the Hex color 236869.



This preview shows how white text looks on a background with the Hex color 236869.

# 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**  
236869

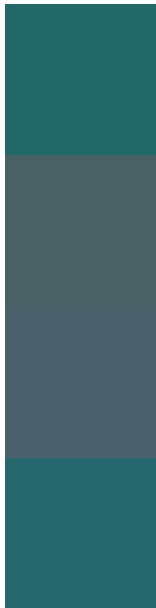
**Protanopia**  
5E5D62

**Deuteranopia**  
615C6C



**Tritanopia**  
26676F

# Trichromacy



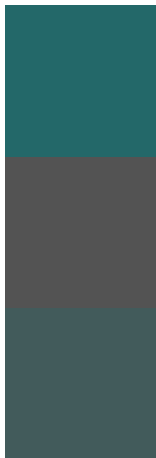
**Original Color**  
236869

**Protanomaly**  
496165

**Deuteranomaly**  
4A606B

**Tritanomaly**  
25676D

# Monochromacy



**Original Color**  
236869

**Achromatopsia**  
535353

**Achromatomaly**  
425B5B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 236869 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 #236869 looks like.

```
.text, #text, p{  
    color:#236869  
}
```

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 #236869 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #236869
}
```

## Border

The CSS property to change the border of an element to Hex 236869 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
#236869 }
```

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

```
.border{ border-color:#236869 }
```

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

Here you see how a box with a 4 pixel #236869 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #236869; -webkit-box-shadow:4px 4px  
4px 4px #236869; box-shadow:4px 4px 4px  
4px #236869 }
```

# Background

The CSS property to change the background color of an element to Hex 236869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#236869 }
```

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

```
.background{ background-color:#236869 }
```

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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