

# Converting Colors

Hex(396867)

Have a look what the booklet for  
Hex(396867) contains.

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# Color

**Hex(396867)**

# Conversions

## Conversions Part 1

Format	Color
Hex	396867
RGB	57, 104, 103
RGB Percent	22%, 41%, 40%
CMY	0.7765, 0.5922, 0.5961
CMYK	0.45, 0.00, 0.01, 0.59
HSL	179°, 29%, 32%
HSV	179°, 45%, 41%
XYZ	9.0858, 11.7498, 14.6210
YIQ	89.8330, -27.6910, -10.2750

# Conversions

## Conversions Part 2

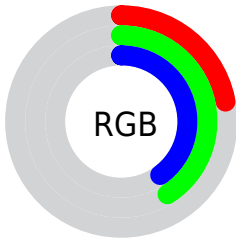
Format	Color
<b>RYB</b>	57, 81, 104
Decimal	3762279
CIELab	40.82, -16.28, -4.46
CIELCh	41, 16.875, 195.319
Yxy	11.7498, 0.2563, 0.3314
Android (android.graphics.Color)	4281952359 (0xFF396867)
YUV	89.8330, 6.4913, -28.7945
Hunter-Lab	34.2779, -12.6725, -1.2952

# Details

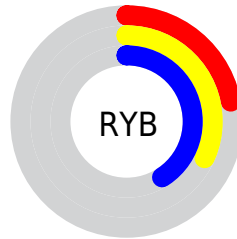
The Hex color **396867** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **68393A**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **6B9B9A**, and **023938** is the 20% darker color. If you saturate the color by 10%, you get **2F6867**, and if you desaturate by 10%, it is **436867**.

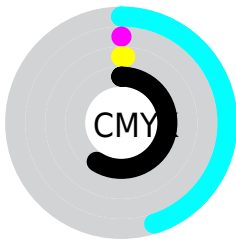
# Distribution



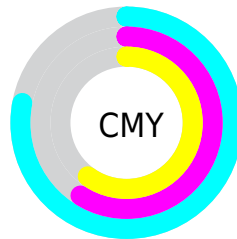
- Red (22%)
- Green (41%)
- Blue (40%)



- Red (22%)
- Yellow (32%)
- Blue (41%)



- Cyan (45%)
- Magenta (0%)
- Yellow (1%)
- Black (59%)



- Cyan (78%)
- Magenta (59%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 396867 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 396867 by changing the saturation by 10% instead.





396867



396867

FFFFFF



20504F



6B9B9A



023938



86B6B5



002323



A0D2D0



00060D



BCEEEED



000000



D8FFFF



F5FFFF



396867



396867



2F6867



436867

■ 246867

■ 4E6867

■ 1A6866

■ 586868

■ 0F6866

■ 636868

■ 056866

■ 6D6868

■ 006866

■ 776868

■ 826869

■ 8C6869

■ 976869

# Harmonies

## Analogous

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



446859



396867



396773

# Triad

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



396867



6B5A74



715D46

# Complementary

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



396867



68393A

# 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.



7A594D



396867



775768

# Square

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



396867



595F7B



7C565A



636245

# Rectangle

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



396867



416579



7C565A



745B48



# Sweetspot

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



396867



748787



3B6839



394545



C4C4C4



454545



# Same Dimension

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



396867



3E8786



395268



2E3333



007370



00F2ED



# Inverse Universe

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



68393A



873E40



684F39



332E2E



730002



F20005



# Previews

## White Background



This preview shows how the Hex color 396867 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

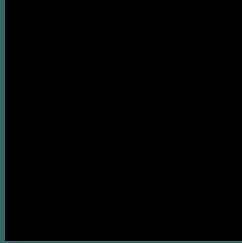
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 396867 Background



This preview shows how black text looks on a background with the Hex color 396867.



This preview shows how white text looks on a background with the Hex color 396867.

# 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**  
396867

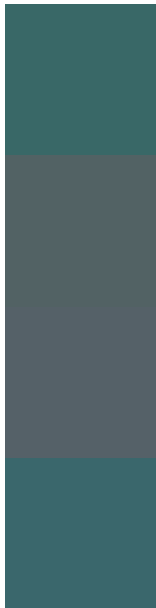
**Protanopia**  
615F62

**Deuteranopia**  
655D69



**Tritanopia**  
3B676F

# Trichromacy



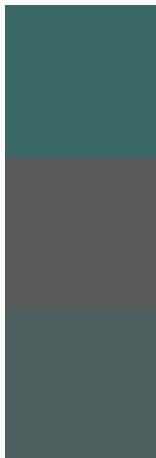
**Original Color**  
396867

**Protanomaly**  
526264

**Deuteranomaly**  
556168

**Tritanomaly**  
3A676C

# Monochromacy



**Original Color**  
396867

**Achromatopsia**  
5A5A5A

**Achromatomaly**  
4E5F5F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 396867 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 #396867 looks like.

```
.text, #text, p{  
  color:#396867  
}
```

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 #396867 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #396867
}
```

## Border

The CSS property to change the border of an element to Hex 396867 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
#396867 }
```

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

```
.border{ border-color:#396867 }
```

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

Here you see how a box with a 4 pixel #396867 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #396867; -webkit-box-shadow:4px 4px  
4px 4px #396867; box-shadow:4px 4px 4px  
4px #396867 }
```

# Background

The CSS property to change the background color of an element to Hex 396867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#396867 }
```

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

```
.background{ background-color:#396867 }
```

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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