

# Converting Colors

Hex(10396C)

Have a look what the booklet for  
Hex(10396C) contains.

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# Color

Hex(10396C)

# Conversions

## Conversions Part 1

Format	Color
Hex	10396C
RGB	16, 57, 108
RGB Percent	6%, 22%, 42%
CMY	0.9373, 0.7765, 0.5765
CMYK	0.85, 0.47, 0.00, 0.58
HSL	213°, 74%, 24%
HSV	213°, 85%, 42%
XYZ	4.3836, 4.1191, 14.7514
YIQ	50.5550, -40.8070, 7.1690

# Conversions

## Conversions Part 2

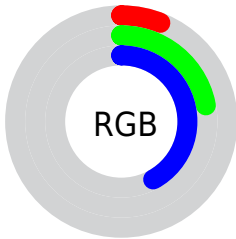
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	16, 44, 108
Decimal	1063276
CIE <sub>Lab</sub>	24.06, 6.63, -33.65
CIE <sub>LCh</sub>	24, 34.295, 281.146
Yxy	4.1191, 0.1885, 0.1771
Android (android.graphics.Color)	4279253356 (0xFF10396C)
YUV	50.5550, 28.3204, -30.3047
Hunter-Lab	20.2956, 3.0363, -28.8866

# Details

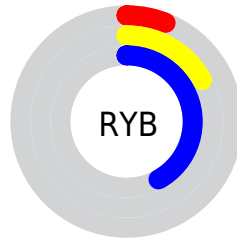
The Hex color **10396C** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **6C4310**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **4C68A0**, and **000E3C** is the 20% darker color. If you saturate the color by 10%, you get **05336C**, and if you desaturate by 10%, it is **1B3F6C**.

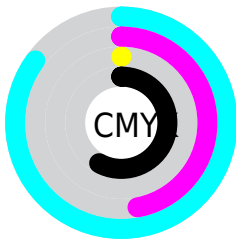
# Distribution



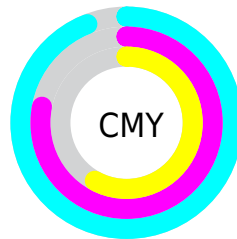
- Red (6%)
- Green (22%)
- Blue (42%)



- Red (6%)
- Yellow (17%)
- Blue (42%)



- Cyan (85%)
- Magenta (47%)
- Yellow (0%)
- Black (58%)



- Cyan (94%)
- Magenta (78%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 10396C 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 10396C by changing the saturation by 10% instead.





10396C



10396C

FFFFFF



002453



4C68A0



000E3C



6780BB



000226



829AD7



00010E



9EB5F4



000000



BAD1FF



D6EDFF



F3FFFF



10396C



10396C

■ 05336C

■ 1B3F6C

■ 00306C

■ 26456C

■ 304B6C

■ 3B516C

■ 46576C

■ 515D6C

■ 5C636C

■ 66696C

■ 716F6C

# Harmonies

## Analogous

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



00416A



10396C



462E60

# Triad

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



10396C



622718



004428

# Complementary

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



10396C



6C4310

# 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.



20410F



10396C



533203

# Square

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



10396C



671F31



3D3B00



004542

# Rectangle

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



10396C



592652



3D3B00



00431F



# Sweetspot

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



10396C



68788C



106C43



313B47



C7C7C7



474747



# Same Dimension

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



10396C



003F8C



15106C



303336



003475



006DF5



# Inverse Universe

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



6C1039



8C003F



676C10



363033



750034



F5006D



# Previews

## White Background



This preview shows how the Hex color 10396C looks on a white background.

## Color Contrast Check

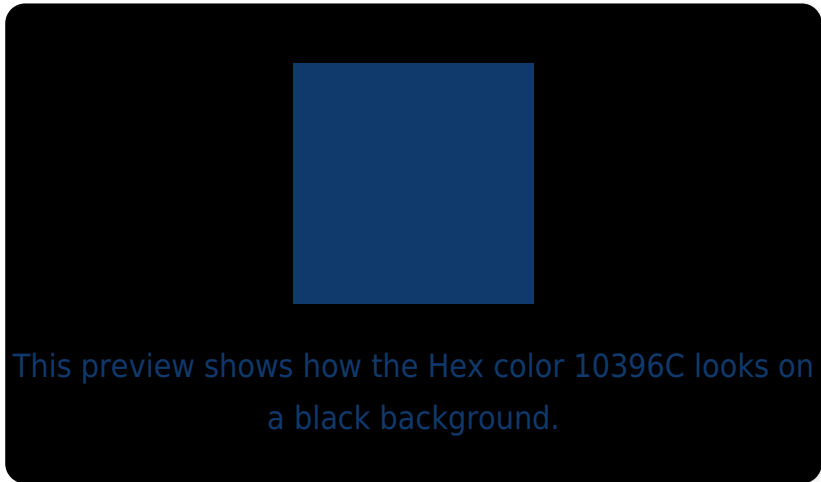
Large Text (above 18pt) WCAG AA ✓ Pass

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

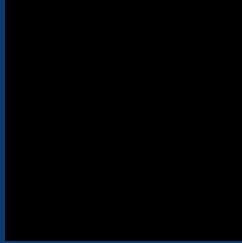
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 10396C Background



This preview shows how black text looks on a background with the Hex color 10396C.



This preview shows how white text looks on a background with the Hex color 10396C.

# 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**  
10396C

**Protanopia**  
1F386B

**Deuteranopia**  
003B67



# Trichromacy



**Original Color**  
10396C

**Protanomaly**  
1A386B

**Deuteranomaly**  
063A69

**Tritanomaly**  
063D53

# Monochromacy



**Original Color**  
10396C

**Achromatopsia**  
333333

**Achromatomaly**  
263548

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 10396C 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 #10396C looks like.

```
.text, #text, p{  
    color:#10396C  
}
```

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 #10396C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #10396C
}
```

## Border

The CSS property to change the border of an element to Hex 10396C 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".

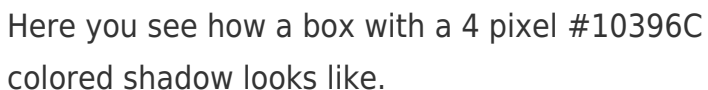
```
.border, #border, table{ border:4px solid
#10396C }
```

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

```
.border{ border-color:#10396C }
```

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

Here you see how a box with a 4 pixel #10396C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #10396C; -webkit-box-shadow:4px 4px  
4px 4px #10396C; box-shadow:4px 4px 4px  
4px #10396C }
```

# Background

The CSS property to change the background color of an element to Hex 10396C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#10396C }
```

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

```
.background{ background-color:#10396C }
```

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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