

Converting Colors

Hex(00396F)

Have a look what the booklet for
Hex(00396F) contains.

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Color

Hex(00396F)

Conversions

Conversions Part 1

Format	Color
Hex	00396F
RGB	0, 57, 111
RGB Percent	0%, 22%, 44%
CMY	1.0000, 0.7765, 0.5647
CMYK	1.00, 0.49, 0.00, 0.56
HSL	209°, 100%, 22%
HSV	209°, 100%, 44%
XYZ	4.3324, 4.0740, 15.5969
YIQ	46.1130, -51.3060, 4.7100

Conversions

Conversions Part 2

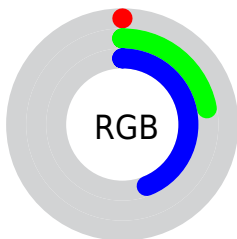
Format	Color
RYB	0, 38, 111
Decimal	14703
CIELab	23.91, 6.56, -35.83
CIElCh	24, 36.424, 280.379
Yxy	4.0740, 0.1805, 0.1697
Android (android.graphics.Color)	4278204783 (0xFF00396F)
YUV	46.1130, 31.9893, -40.4411
Hunter-Lab	20.1840, 2.9918, -31.6867

Details

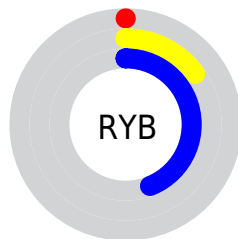
The Hex color **00396F** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **6F3600**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **4767A3**, and **000E3F** is the 20% darker color. If you saturate the color by 10%, you get **00396F**, and if you desaturate by 10%, it is **0B3E6F**.

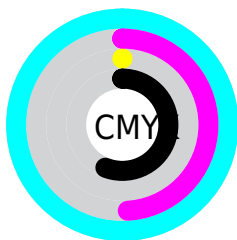
Distribution



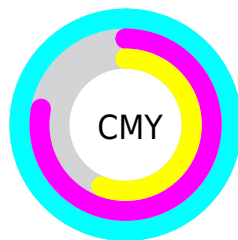
- Red (0%)
- Green (22%)
- Blue (44%)



- Red (0%)
- Yellow (15%)
- Blue (44%)



- Cyan (100%)
- Magenta (49%)
- Yellow (0%)
- Black (56%)



- Cyan (100%)
- Magenta (78%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00396F 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 00396F by changing the saturation by 10% instead.

■ 00396F

FFFFFF

■ 4767A3

■ 6280BE

■ 7E9ADA

■ 9AB5F7

■ B6D0FF

■ D2EDFF

■ EFFFFFF

■ 00396F

■ 00396F

■ 002456

■ 000E3F

■ 000328

■ 000112

■ 000000

■ 0B3E6F

■ 16446F

■ 21496F

■ 2C4F6F

■ 38546F

■ 43596F

■ 4E5F6F

■ 59646F

■ 646A6F

Harmonies

Analogous

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



00416C



00396F



462D63

Triad

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



00396F



642517



004425

Complementary

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



00396F



6F3600

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.



1E410A



00396F



543100

Square

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



00396F



691C31



3D3B00



004542

Rectangle

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



00396F



5A2454



3D3B00



00431C

Sweetspot

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



00396F



667C91



006F36



2F3D4A



C9C9C9



4A4A4A

Same Dimension

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



00396F



004B91



00026F



323538



003E78



007FF7

Inverse Universe

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



6F0039



91004B



6F6D00



383235



78003E



F7007F

Previews

White Background



This preview shows how the Hex color 00396F looks on a white background.

Color Contrast Check

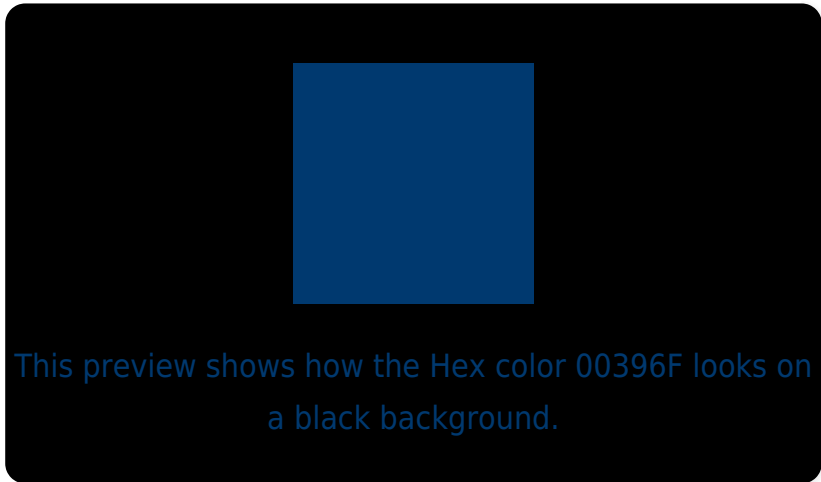
Large Text (above 18pt) WCAG AA ✓ Pass

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

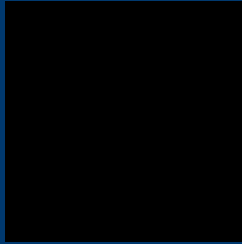
Any Text WCAG AA × Fail

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 00396F Background



This preview shows how black text looks on a background with the Hex color 00396F.



This preview shows how white text looks on a background with the Hex color 00396F.

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
00396F

Protanopia
1B386E

Deuteranopia
003B67

Trichromacy



Original Color
00396F

Protanomaly
11386E

Deuteranomaly
003A6A

Tritanomaly
003D54

Monochromacy



Original Color
00396F

Achromatopsia
2E2E2E

Achromatomaly
1D3246

CSS Examples

Text

The CSS property to change the color of the text to Hex 00396F 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 #00396F looks like.

```
.text, #text, p{  
    color:#00396F  
}
```

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 #00396F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00396F
}
```

Border

The CSS property to change the border of an element to Hex 00396F 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
#00396F }
```

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

```
.border{ border-color:#00396F }
```

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

Here you see how a box with a 4 pixel #00396F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00396F; -webkit-box-shadow:4px 4px  
4px 4px #00396F; box-shadow:4px 4px 4px  
4px #00396F }
```

Background

The CSS property to change the background color of an element to Hex 00396F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00396F }
```

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

```
.background{ background-color:#00396F }
```

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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