

# Converting Colors

Hex(007396)

Have a look what the booklet for  
Hex(007396) contains.

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**Color**

**Hex(007396)**

# Conversions

## Conversions Part 1

Format	Color
Hex	007396
RGB	0, 115, 150
RGB Percent	0%, 45%, 59%
CMY	1.0000, 0.5490, 0.4118
CMYK	1.00, 0.23, 0.00, 0.41
HSL	194°, 100%, 29%
HSV	194°, 100%, 59%
XYZ	11.6358, 14.4635, 31.0326
YIQ	84.6050, -79.7750, -13.4950

# Conversions

## Conversions Part 2

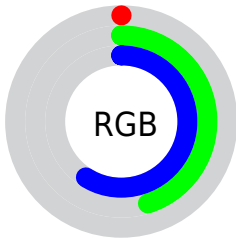
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 65, 150
Decimal	29590
CIELab	44.89, -14.19, -26.63
CIELCh	45, 30.179, 241.953
Yxy	14.4635, 0.2037, 0.2532
Android (android.graphics.Color)	4278219670 (0xFF007396)
YUV	84.6050, 32.2397, -74.1986
Hunter-Lab	38.0309, -11.9410, -21.7581

# Details

The Hex color **007396** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **962300**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **55A7CC**, and **004363** is the 20% darker color. If you saturate the color by 10%, you get **007396**, and if you desaturate by 10%, it is **0F7696**.

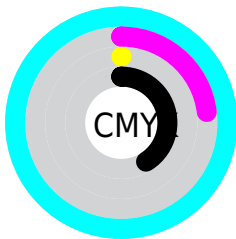
# Distribution



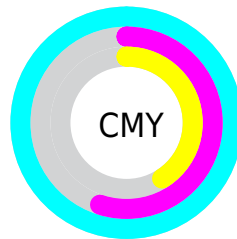
- Red (0%)
- Green (45%)
- Blue (59%)



- Red (0%)
- Yellow (25%)
- Blue (59%)



- Cyan (100%)
- Magenta (23%)
- Yellow (0%)
- Black (41%)



- Cyan (100%)
- Magenta (55%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 007396 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 007396 by changing the saturation by 10% instead.



 007396

 007396

FFFFFF

 005A7C

 55A7CC

 004363

 72C2E9

 002D4B

 8FDEFF

 001934

 ACFBFF

 00021F

 CAFFFF

 000001

 E7FFFF

 000000

 007396

 0F7696

 1E7A96

 2D7E96

 3C8196

 4B8596

 5A8896

 698B96

 788F96

 879396

# Harmonies

## Analogous

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



007784



007396



466C9C

# Triad

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



007396



99566A



5E713E

# Complementary

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



007396



962300

# 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.



796937



007396



995951

# Square

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



007396



8B5A82



8D603E



3F7552

# Rectangle

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



007396



636699



8D603E



686E3A



# Sweetspot

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



007396



88B4C2



009623



3E5961



E0E0E0



616161



# Same Dimension

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



007396



0095C2



002896



43484A



006A8A



00080A



# Inverse Universe

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



960073



C20095



966E00



4A4348



8A006A



0A0008



# Previews

## White Background



This preview shows how the Hex color 007396 looks on a white background.

## Color Contrast Check

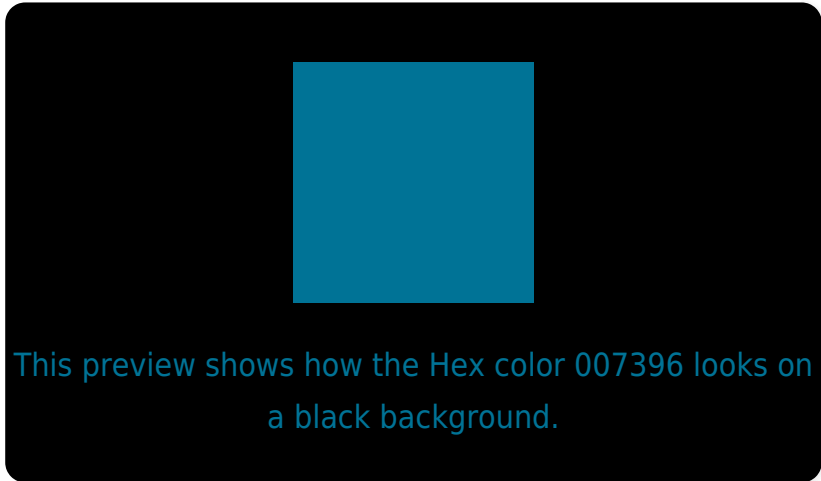
Large Text (above 18pt) WCAG AA ✓ Pass

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

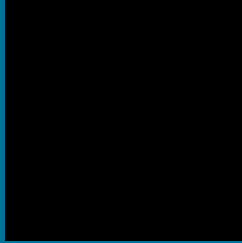
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 007396 Background



This preview shows how black text looks on a background with the Hex color 007396.

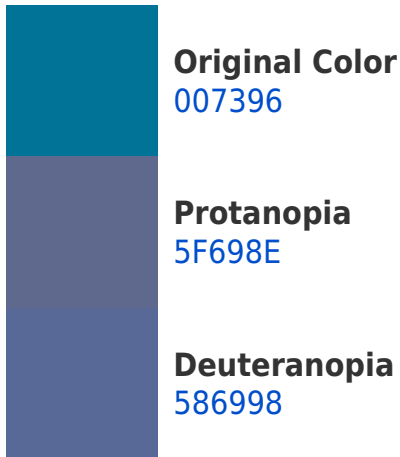


This preview shows how white text looks on a background with the Hex color 007396.

# 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](#).

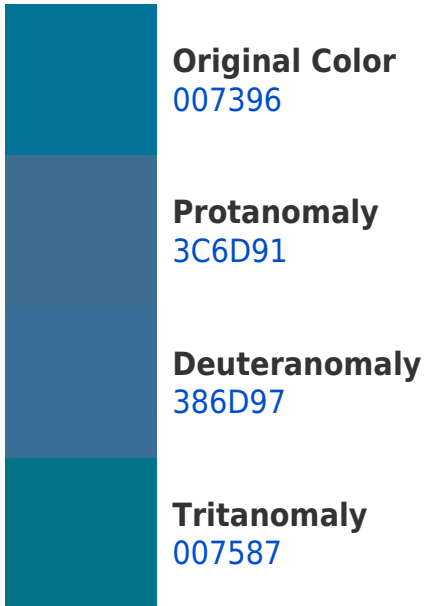
## Dichromacy





**Tritanopia**  
00767F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 007396 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 #007396 looks like.

```
.text, #text, p{  
    color:#007396  
}
```

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 #007396 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007396
}
```

## Border

The CSS property to change the border of an element to Hex 007396 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
#007396 }
```

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

```
.border{ border-color:#007396 }
```

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

Here you see how a box with a 4 pixel #007396 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007396; -webkit-box-shadow:4px 4px  
4px 4px #007396; box-shadow:4px 4px 4px  
4px #007396 }
```

# Background

The CSS property to change the background color of an element to Hex 007396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007396 }
```

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

```
.background{ background-color:#007396 }
```

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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