

# Converting Colors

Hex(077196)

Have a look what the booklet for  
Hex(077196) contains.

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# Color

Hex(077196)

# Conversions

## Conversions Part 1

Format	Color
Hex	077196
RGB	7, 113, 150
RGB Percent	3%, 44%, 59%
CMY	0.9725, 0.5569, 0.4118
CMYK	0.95, 0.25, 0.00, 0.41
HSL	196°, 91%, 31%
HSV	196°, 95%, 59%
XYZ	11.4978, 14.0574, 30.9615
YIQ	85.5240, -75.0530, -10.9650

# Conversions

## Conversions Part 2

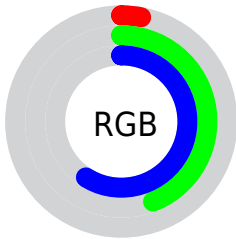
<b>Format</b>	<b>Color</b>
<b>RYB</b>	7, 68, 150
Decimal	487830
CIELab	44.32, -12.70, -27.53
CIELCh	44, 30.313, 245.239
Yxy	14.0574, 0.2034, 0.2487
Android (android.graphics.Color)	4278677910 (0xFF077196)
YUV	85.5240, 31.7867, -68.8655
Hunter-Lab	37.4932, -10.8739, -22.7158

# Details

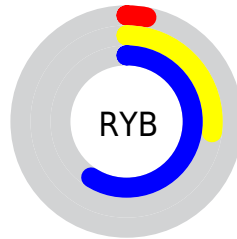
The Hex color **077196** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **962C07**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **56A5CC**, and **004163** is the 20% darker color. If you saturate the color by 10%, you get **006F96**, and if you desaturate by 10%, it is **167596**.

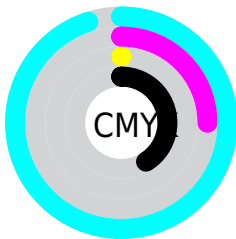
# Distribution



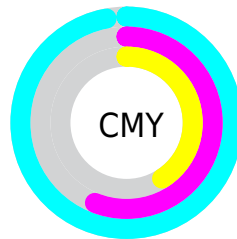
- Red (3%)
- Green (44%)
- Blue (59%)



- Red (3%)
- Yellow (27%)
- Blue (59%)



- Cyan (95%)
- Magenta (25%)
- Yellow (0%)
- Black (41%)



- Cyan (97%)
- Magenta (56%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 077196 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 077196 by changing the saturation by 10% instead.



077196

077196

FFFFFF

00597C

56A5CC

004163

73C0E9

002B4B

90DCFF

001834

ADF8FF

00021F

CBFFFF

000001

E8FFFF

000000

077196

077196

006F96

167596

■ 257996

■ 347D96

■ 438196

■ 528496

■ 618896

■ 708C96

■ 7F9096

■ 8E9496

# Harmonies

## Analogous

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



007585



077196



496A9B

# Triad

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



077196



985465



5A703E

# Complementary

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



077196



962C07

# 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.



746936



077196



97584D

# Square

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



077196



8C587E



8A603B



3A7453

# Rectangle

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



077196



656496



8A603B



636E3A



# Sweetspot

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



077196



8AB3C2



07962B



3F5861



E0E0E0



616161



# Same Dimension

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



077196



0090C2



072B96



43484A



00668A



00080A



# Inverse Universe

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



960771



C20090



967207



4A4348



8A0066



0A0008



# Previews

## White Background



This preview shows how the Hex color 077196 looks on a white background.

## Color Contrast Check

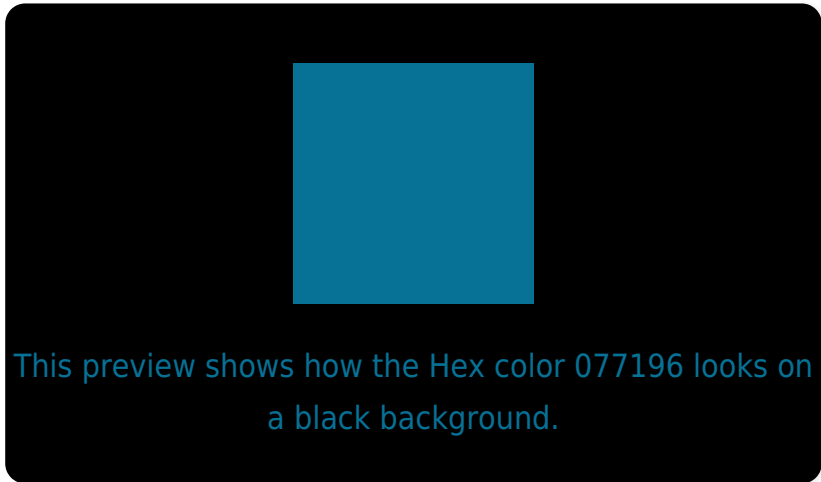
Large Text (above 18pt) WCAG AA ✓ Pass

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

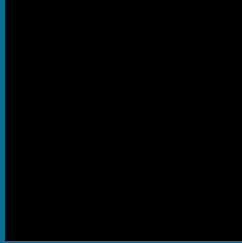
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 077196 Background



This preview shows how black text looks on a background with the Hex color 077196.

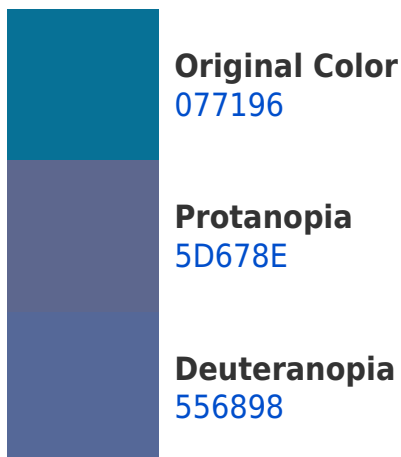


This preview shows how white text looks on a background with the Hex color 077196.

# 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](#).

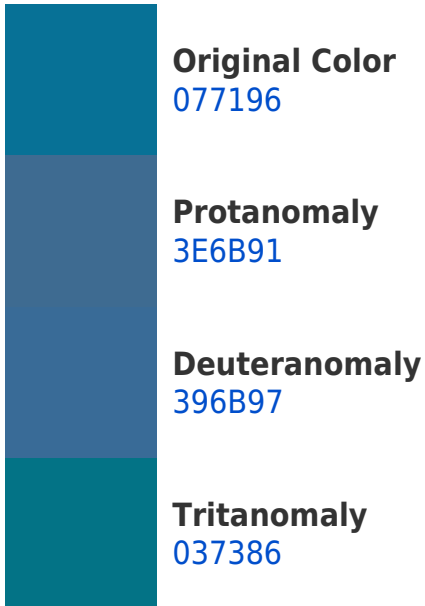
## Dichromacy



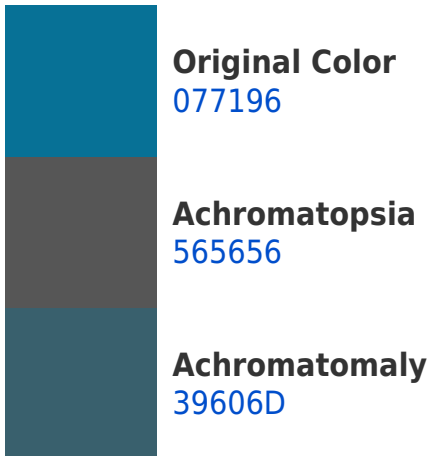


**Tritanopia**  
00747D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 077196 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 #077196 looks like.

```
.text, #text, p{  
    color:#077196  
}
```

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 #077196 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #077196
}
```

## Border

The CSS property to change the border of an element to Hex 077196 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
#077196 }
```

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

```
.border{ border-color:#077196 }
```

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

Here you see how a box with a 4 pixel #077196 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #077196; -webkit-box-shadow:4px 4px  
4px 4px #077196; box-shadow:4px 4px 4px  
4px #077196 }
```

# Background

The CSS property to change the background color of an element to Hex 077196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#077196 }
```

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

```
.background{ background-color:#077196 }
```

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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