

# Converting Colors

Hex(067293)

Have a look what the booklet for  
Hex(067293) contains.

<b>Hex(067293)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(067293)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	067293
RGB	6, 114, 147
RGB Percent	2%, 45%, 58%
CMY	0.9765, 0.5529, 0.4235
CMYK	0.96, 0.22, 0.00, 0.42
HSL	194°, 92%, 30%
HSV	194°, 96%, 58%
XYZ	11.3589, 14.1799, 29.7421
YIQ	85.4700, -74.9610, -12.6330

# Conversions

## Conversions Part 2

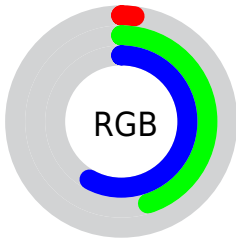
<b>Format</b>	<b>Color</b>
<b>RYB</b>	6, 67, 147
Decimal	422547
CIELab	44.49, -14.45, -25.47
CIELCh	44, 29.287, 240.440
Yxy	14.1799, 0.2055, 0.2565
Android (android.graphics.Color)	4278612627 (0xFF067293)
YUV	85.4700, 30.3343, -69.6952
Hunter-Lab	37.6562, -12.0545, -20.4697

# Details

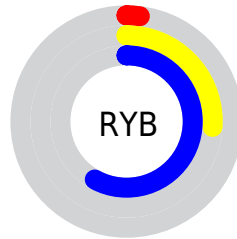
The Hex color **067293** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **932706**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **55A6C9**, and **004260** is the 20% darker color. If you saturate the color by 10%, you get **007193**, and if you desaturate by 10%, it is **157593**.

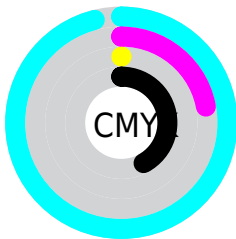
# Distribution



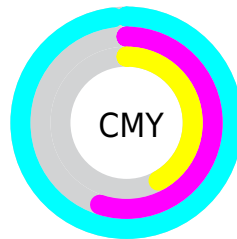
- Red (2%)
- Green (45%)
- Blue (58%)



- Red (2%)
- Yellow (26%)
- Blue (58%)



- Cyan (96%)
- Magenta (22%)
- Yellow (0%)
- Black (42%)



- Cyan (98%)
- Magenta (55%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 067293 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 067293 by changing the saturation by 10% instead.



 067293

 067293

FFFFFF

 005979

 55A6C9

 004260

 73C1E5

 002C48

 8FD DFF

 001932

 ACFAFF

 00021C

 CAFFFF

 000000

 E7FFFF

 067293

 067293

 007193

 157593

■ 237993

■ 327C93

■ 418093

■ 508393

■ 5E8793

■ 6D8A93

■ 7C8E93

■ 8A9193

# Harmonies

## Analogous

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



007581



067293



446C9A

# Triad

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



067293



96566A



5F6F3E

# Complementary

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



067293



932706

# 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.



786838



067293



975852

# Square

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



067293



885A82



8C5F3F



417450

# Rectangle

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



067293



606697



8C5F3F



686D3B



# Sweetspot

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



067293



88B2BF



069327



3F5961



E0E0E0



616161



# Same Dimension

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



067293



0092BF



062C93



43484A



00698A



00080A



# Inverse Universe

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



930672



BF0092



936D06



4A4348



8A0069



0A0008



# Previews

## White Background



This preview shows how the Hex color 067293 looks on a white background.

## Color Contrast Check

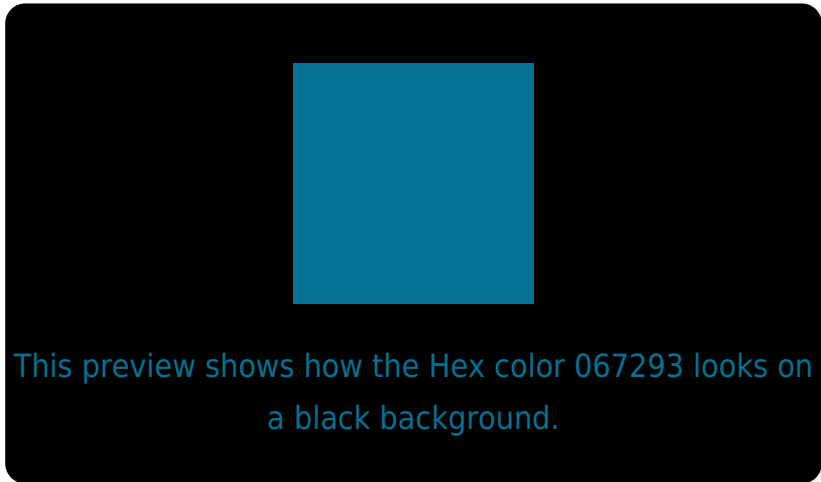
Large Text (above 18pt) WCAG AA ✓ Pass

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

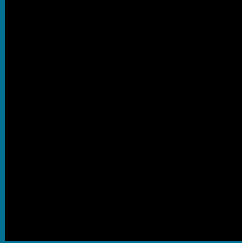
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 067293 Background



This preview shows how black text looks on a background with the Hex color 067293.

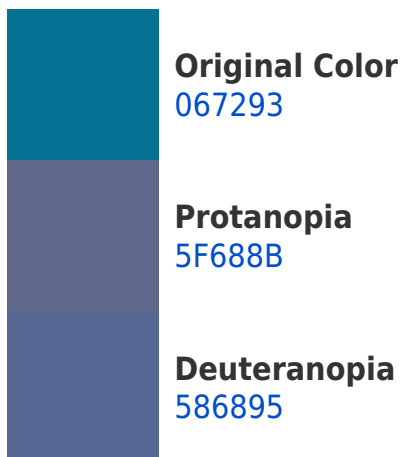


This preview shows how white text looks on a background with the Hex color 067293.

# 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**  
00757E

# Trichromacy



**Original Color**  
067293

**Protanomaly**  
3F6C8E

**Deuteranomaly**  
3A6C94

**Tritanomaly**  
027486

# Monochromacy



**Original Color**  
067293

**Achromatopsia**  
555555

**Achromatomaly**  
38606C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 067293 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 #067293 looks like.

```
.text, #text, p{  
    color:#067293  
}
```

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 #067293 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #067293
}
```

## Border

The CSS property to change the border of an element to Hex 067293 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
#067293 }
```

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

```
.border{ border-color:#067293 }
```

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

Here you see how a box with a 4 pixel #067293 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #067293; -webkit-box-shadow:4px 4px  
4px 4px #067293; box-shadow:4px 4px 4px  
4px #067293 }
```

# Background

The CSS property to change the background color of an element to Hex 067293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#067293 }
```

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

```
.background{ background-color:#067293 }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor