

# Converting Colors

Hex(107093)

Have a look what the booklet for  
Hex(107093) contains.

<b>Hex(107093)</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(107093)**

# Conversions

## Conversions Part 1

Format	Color
Hex	107093
RGB	16, 112, 147
RGB Percent	6%, 44%, 58%
CMY	0.9373, 0.5608, 0.4235
CMYK	0.89, 0.24, 0.00, 0.42
HSL	196°, 80%, 32%
HSV	196°, 89%, 58%
XYZ	11.2743, 13.8051, 29.6742
YIQ	87.2860, -68.4510, -9.4670

# Conversions

## Conversions Part 2

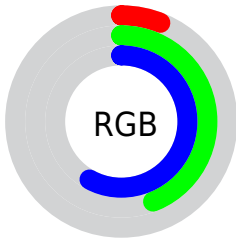
<b>Format</b>	<b>Color</b>
<b>RYB</b>	16, 71, 147
Decimal	1077395
CIELab	43.95, -12.74, -26.30
CIELCh	44, 29.228, 244.151
Yxy	13.8051, 0.2059, 0.2521
Android (android.graphics.Color)	4279267475 (0xFF107093)
YUV	87.2860, 29.4390, -62.5178
Hunter-Lab	37.1552, -10.8578, -21.3436

# Details

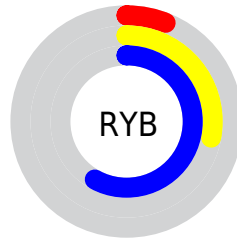
The Hex color **107093** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **933310**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **58A4C9**, and **004060** is the 20% darker color. If you saturate the color by 10%, you get **016C93**, and if you desaturate by 10%, it is **1F7493**.

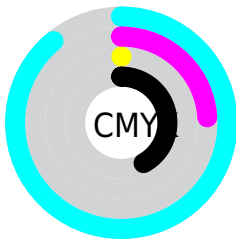
# Distribution



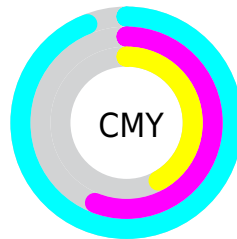
- Red (6%)
- Green (44%)
- Blue (58%)



- Red (6%)
- Yellow (28%)
- Blue (58%)



- Cyan (89%)
- Magenta (24%)
- Yellow (0%)
- Black (42%)



- Cyan (94%)
- Magenta (56%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 107093 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 107093 by changing the saturation by 10% instead.



■ 107093

■ 107093

FFFFFF

■ 005879

■ 58A4C9

■ 004060

■ 75BFE5

■ 002A48

■ 92DBFF

■ 001732

■ AEF7FF

■ 00021C

■ CCFFFF

■ 000000

■ E9FFFF

■ 107093

■ 107093

■ 016C93

■ 1F7493

■ 006C93

■ 2D7893

■ 3C7C93

■ 4B8093

■ 598493

■ 688893

■ 778B93

■ 868F93

■ 949393

# Harmonies

## Analogous

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



007482



107093



486998

# Triad

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



107093



965465



5A6E3F

# Complementary

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



107093



933310

# 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.



746837



107093



95574E

# Square

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



107093



89587D



885F3D



3C7352

# Rectangle

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



107093



636394



885F3D



636C3B



# Sweetspot

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



107093



8CB1BF



109333



425961



E0E0E0



616161



# Same Dimension

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



107093



008CBF



102F93



43484A



00658A



00070A



# Inverse Universe

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



931070



BF008C



937410



4A4348



8A0065



0A0007



# Previews

## White Background



This preview shows how the Hex color 107093 looks on a white background.

## Color Contrast Check

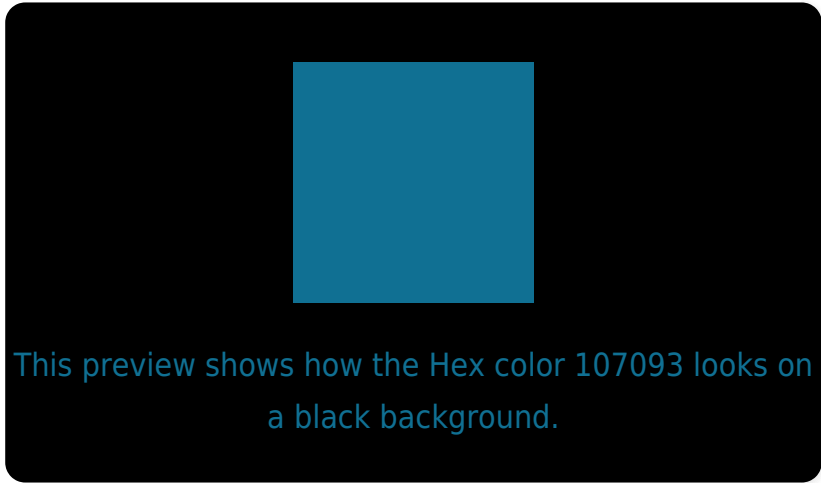
Large Text (above 18pt) WCAG AA ✓ Pass

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

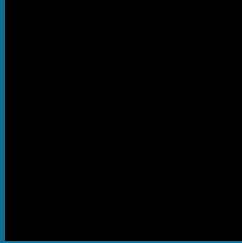
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 107093 Background



This preview shows how black text looks on a background with the Hex color 107093.

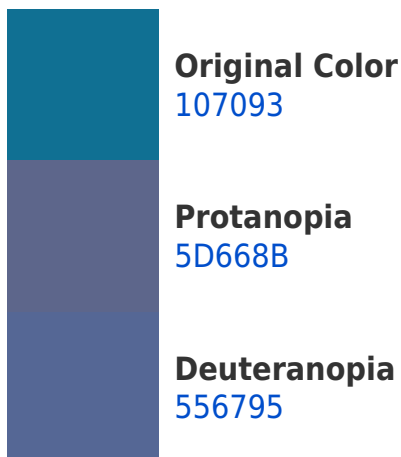


This preview shows how white text looks on a background with the Hex color 107093.

# 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**  
00737C

# Trichromacy



**Original Color**  
107093

**Protanomaly**  
416A8E

**Deuteranomaly**  
3C6A94

**Tritanomaly**  
067284

# Monochromacy



**Original Color**  
107093

**Achromatopsia**  
575757

**Achromatomaly**  
3D606D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 107093 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 #107093 looks like.

```
.text, #text, p{  
    color:#107093  
}
```

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 #107093 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #107093
}
```

## Border

The CSS property to change the border of an element to Hex 107093 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
#107093 }
```

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

```
.border{ border-color:#107093 }
```

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

Here you see how a box with a 4 pixel #107093 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #107093; -webkit-box-shadow:4px 4px  
4px 4px #107093; box-shadow:4px 4px 4px  
4px #107093 }
```

# Background

The CSS property to change the background color of an element to Hex 107093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#107093 }
```

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

```
.background{ background-color:#107093 }
```

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