

# Converting Colors

Hex(0729A8)

Have a look what the booklet for  
Hex(0729A8) contains.

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# Color

**Hex(0729A8)**

# Conversions

Conversions Part 1	
Format	Color
Hex	0729A8
RGB	7, 41, 168
RGB Percent	3%, 16%, 66%
CMY	0.9725, 0.8392, 0.3412
CMYK	0.96, 0.76, 0.00, 0.34
HSL	227°, 92%, 34%
HSV	227°, 96%, 66%
XYZ	7.9484, 4.4582, 37.4874
YIQ	45.3120, -61.0310, 32.2890

# Conversions

## Conversions Part 2

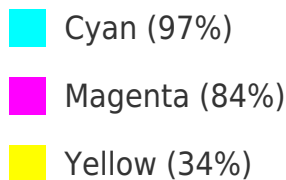
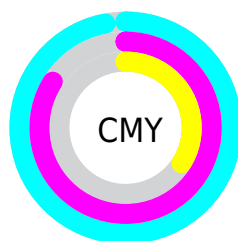
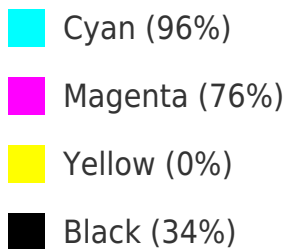
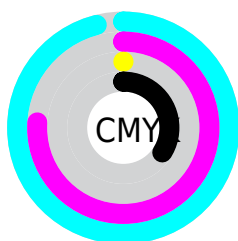
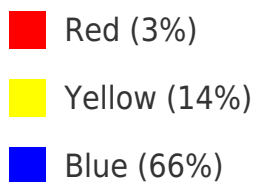
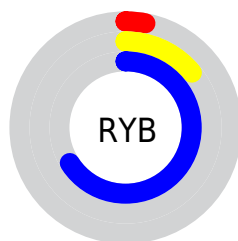
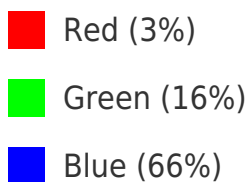
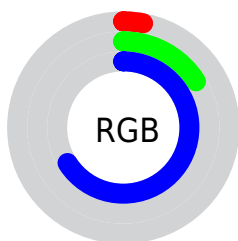
Format	Color
<a href="#">RYB</a>	<a href="#">7, 35, 168</a>
Decimal	<a href="#">469416</a>
CIELab	<a href="#">25.13, 41.36, -69.26</a>
CIELCh	<a href="#">25, 80.668, 300.844</a>
Yxy	<a href="#">4.4582, 0.1593, 0.0894</a>
Android (android.graphics.Color)	<a href="#">4278659496</a> (0xFF0729A8)
YUV	<a href="#">45.3120, 60.4852, -33.5996</a>
Hunter-Lab	<a href="#">21.1145, 30.2453, -90.4855</a>

# Details

The Hex color **0729A8** is a dark color, and the websafe version is hex **0033CC**. A complement of this color would be **A88607**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **5E57E0**, and **000172** is the 20% darker color. If you saturate the color by 10%, you get **0023A8**, and if you desaturate by 10%, it is **1836A8**.

# Distribution



# Brightness & Saturation Gradients

These gradients show how the Hex color 0729A8 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 0729A8 by changing the saturation by 10% instead.



 0729A8

 0729A8

FFFFFF

 00148D

 5E57E0

 000172

 7D70FE

 000059

 9B8AFF

 000740

 B9A4FF

 000329

 D7BFFF

 000114

 F5DBFF

 000000

 FFF8FF

 0729A8

 0729A8

■ 0023A8

■ 1836A8

■ 2944A8

■ 3951A8

■ 4A5EA8

■ 5B6BA8

■ 6C79A8

■ 7D86A8

■ 8D93A8

■ 9EA0A8

# Harmonies

## Analogous

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



0046BB



0729A8



800079

# Triad

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



0729A8



761700



00503C

# Complementary

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



0729A8



A88607

# 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.



004D00



0729A8



493B00

# Square

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



0729A8



950000



004800



00517A

# Rectangle

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



0729A8



970051



004800



004F26



# Sweetspot

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



0729A8



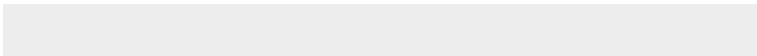
9CA9DB



07A885



474F6E



EDEDED



6E6E6E



# Same Dimension

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



0729A8



002EDB



3507A8



4C4E54



001F94



000414



# Inverse Universe

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



A80729



DB002E



7AA807



544C4E



94001F

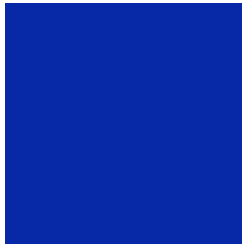


140004



# Previews

## White Background



This preview shows how the Hex color 0729A8 looks on a white background.

## Color Contrast Check

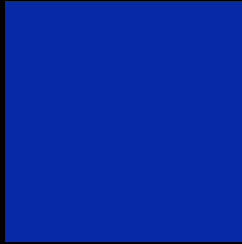
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



This preview shows how the Hex color 0729A8 looks on a 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 0729A8 Background



This preview shows how black text looks on a background with the Hex color 0729A8.



This preview shows how white text looks on a background with the Hex color 0729A8.

# 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**  
0729A8

**Protanopia**  
003A7A

**Deuteranopia**  
003E68

# Trichromacy



**Original Color**

0729A8

**Protanomaly**

03348B

**Deuteranomaly**

03367F

# Monochromacy



**Original Color**

0729A8

**Achromatopsia**

2D2D2D

**Achromatomaly**

1F2C5A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0729A8 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 #0729A8 looks like.

```
.text, #text, p{  
    color:#0729A8  
}
```

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 #0729A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0729A8
}
```

## Border

The CSS property to change the border of an element to Hex 0729A8 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
#0729A8 }
```

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

```
.border{ border-color:#0729A8 }
```

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

Here you see how a box with a 4 pixel #0729A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0729A8; -webkit-box-shadow:4px 4px  
4px 4px #0729A8; box-shadow:4px 4px 4px  
4px #0729A8 }
```

# Background

The CSS property to change the background color of an element to Hex 0729A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0729A8 }
```

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

```
.background{ background-color:#0729A8 }
```

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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