

# Converting Colors

Hex(7193A1)

Have a look what the booklet for  
Hex(7193A1) contains.

<b>Hex(7193A1)</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(7193A1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7193A1
RGB	113, 147, 161
RGB Percent	44%, 58%, 63%
CMY	0.5569, 0.4235, 0.3686
CMYK	0.30, 0.09, 0.00, 0.37
HSL	198°, 20%, 54%
HSV	198°, 30%, 63%
XYZ	23.6768, 26.9514, 37.6724
YIQ	138.4300, -24.7580, -2.8540

# Conversions

## Conversions Part 2

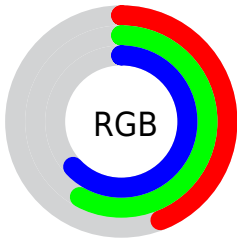
<b>Format</b>	<b>Color</b>
<b>RYB</b>	113, 133, 161
Decimal	7443361
CIELab	58.93, -8.37, -11.22
CIElCh	59, 13.994, 233.282
Yxy	26.9514, 0.2681, 0.3052
Android (android.graphics.Color)	4285633441 (0xFF7193A1)
YUV	138.4300, 11.1270, -22.3021
Hunter-Lab	51.9147, -9.4420, -6.6841

# Details

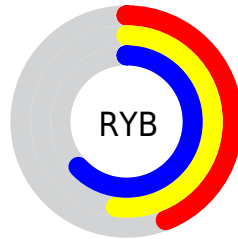
The Hex color **7193A1** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A17F71**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **A6C9D8**, and **3F606D** is the 20% darker color. If you saturate the color by 10%, you get **618EA1**, and if you desaturate by 10%, it is **8198A1**.

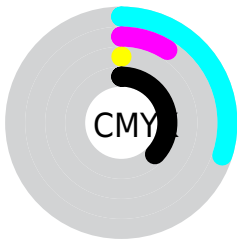
# Distribution



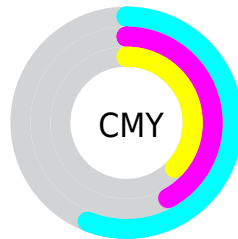
- Red (44%)
- Green (58%)
- Blue (63%)



- Red (44%)
- Yellow (52%)
- Blue (63%)



- Cyan (30%)
- Magenta (9%)
- Yellow (0%)
- Black (37%)



- Cyan (56%)
- Magenta (42%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7193A1 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 7193A1 by changing the saturation by 10% instead.



7193A1

7193A1

FFFFFF

587987

A6C9D8

3F606D

C2E5F4

274955

DEFFFF

0D323E

FBFFFF

001D28

000114

000000

7193A1

7193A1

618EA1

8198A1

■ 518AA1

■ 919CA1

■ 4185A1

■ A1A1A1

■ 3180A1

■ B1A6A1

■ 207CA1

■ C1AAA1

■ 1077A1

■ D2AFA1

■ 0072A1

■ E2B4A1

■ F2B9A1

■ FFBDA1

# Harmonies

## Analogous

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



6E9597



7193A1



7D90A6

# Triad

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



7193A1



A58691



8D9077

# Complementary

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



7193A1



A17F71

# 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.



9A8C76



7193A1



A88685

# Square

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



7193A1



9B889D



A4887B



7F937F

# Rectangle

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



7193A1



878DA5



A4887B



928F76



# Sweetspot

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



7193A1



BECCD1



71A17F



5D6569



E8E8E8



696969



# Same Dimension

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



7193A1



86BBD1



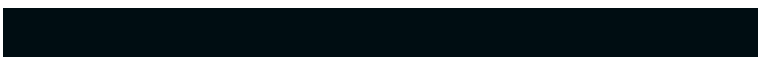
717BA1



494F52



006791



000D12



# Inverse Universe

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



A17193



D186BB



A19771



52494F



910067



12000D



# Previews

## White Background



This preview shows how the Hex color 7193A1 looks on a white background.

## Color Contrast Check

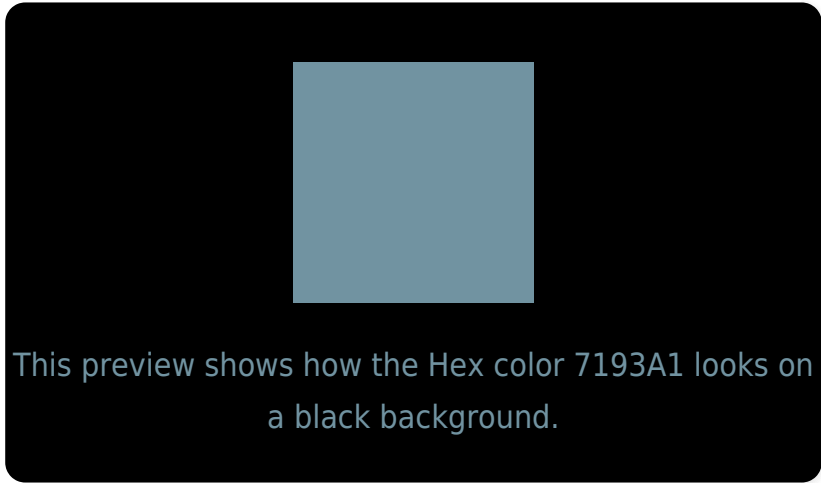
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

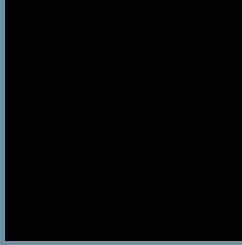
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

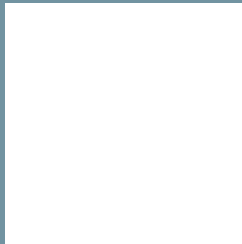
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7193A1 Background



This preview shows how black text looks on a background with the Hex color 7193A1.

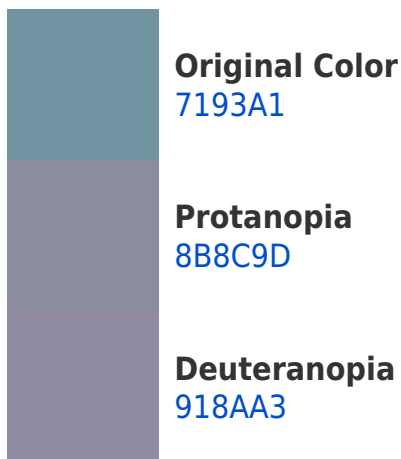



This preview shows how white text looks on a background with the Hex color 7193A1.

# 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](#).

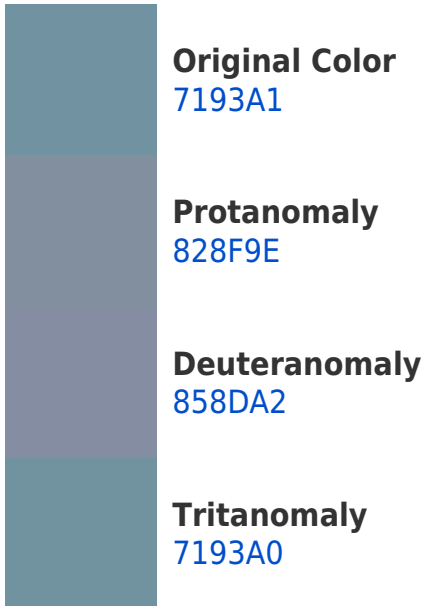
## Dichromacy



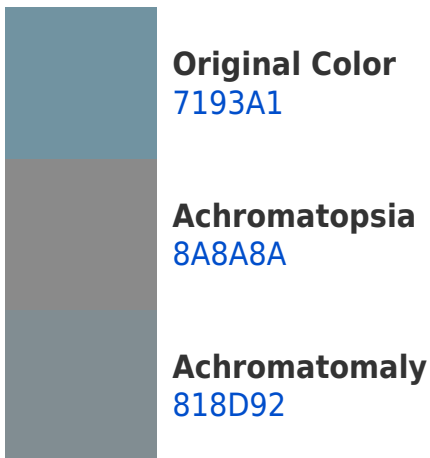


**Tritanopia**  
71939F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7193A1 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 #7193A1 looks like.

```
.text, #text, p{  
    color:#7193A1  
}
```

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 #7193A1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7193A1
}
```

## Border

The CSS property to change the border of an element to Hex 7193A1 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
#7193A1 }
```

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

```
.border{ border-color:#7193A1 }
```

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

Here you see how a box with a 4 pixel #7193A1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7193A1; -webkit-box-shadow:4px 4px  
4px 4px #7193A1; box-shadow:4px 4px 4px  
4px #7193A1 }
```

# Background

The CSS property to change the background color of an element to Hex 7193A1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7193A1 }
```

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

```
.background{ background-color:#7193A1 }
```

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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