

# Converting Colors

Hex(71A193)

Have a look what the booklet for  
Hex(71A193) contains.

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# Color

**Hex(71A193)**

# Conversions

Conversions Part 1	
Format	Color
Hex	71A193
RGB	113, 161, 147
RGB Percent	44%, 63%, 58%
CMY	0.5569, 0.3686, 0.4235
CMYK	0.30, 0.00, 0.09, 0.37
HSL	162°, 20%, 54%
HSV	162°, 30%, 63%
XYZ	24.8214, 31.1070, 32.2998
YIQ	145.0520, -24.1140, -14.5300

# Conversions

## Conversions Part 2

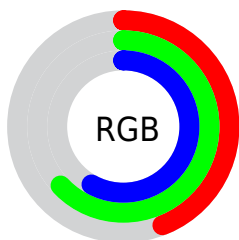
Format	Color
<a href="#">RYB</a>	<a href="#">113, 141, 161</a>
Decimal	<a href="#">7446931</a>
CIELab	<a href="#">62.60, -19.19, 2.13</a>
CIELCh	<a href="#">63, 19.307, 173.673</a>
Yxy	<a href="#">31.1070, 0.2813, 0.3526</a>
Android (android.graphics.Color)	<a href="#">4285637011</a> (0xFF71A193)
YUV	<a href="#">145.0520, 0.9604, -28.1096</a>
Hunter-Lab	<a href="#">55.7737, -18.1647, 4.7054</a>

# Details

The Hex color **71A193** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A1717F**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **A6D8C9**, and **3F6D61** is the 20% darker color. If you saturate the color by 10%, you get **61A18E**, and if you desaturate by 10%, it is **81A198**.

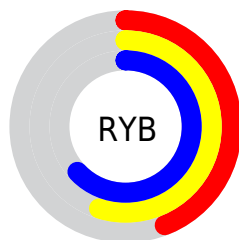
# Distribution



Red (44%)

Green (63%)

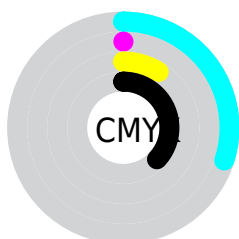
Blue (58%)



Red (44%)

Yellow (55%)

Blue (63%)

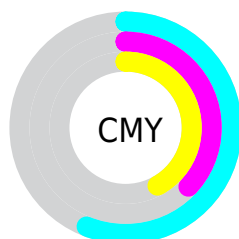


Cyan (30%)

Magenta (0%)

Yellow (9%)

Black (37%)



Cyan (56%)

Magenta (37%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 71A193 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 71A193 by changing the saturation by 10% instead.



 71A193

FFFFFF

 A6D8C9

 C2F4E5

 DEFFFF

 FBFFFF

 71A193

 588779

 3F6D61

 265549

 0C3D32

 00271D


 001104

 000000

 71A193

 61A18E

 71A193

 81A198

 51A18A 91A19C 41A185 A1A1A1 31A180 B1A1A6 20A17C C1A1AA 10A177 D2A1AF 00A172 E2A1B4 F2A1B9 FFA1BD

# Harmonies

## Analogous

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



829F83



71A193



68A1A4

# Triad

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



71A193



9694B7



B5907C

# Complementary

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



71A193



A1717F

# 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.



BB8C8A



71A193



AA8FAC

# Square

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



71A193



7F9AB9



B78C9C



A89576

# Rectangle

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



71A193



69A0AE



B78C9C



B88E80



# Sweetspot

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



71A193



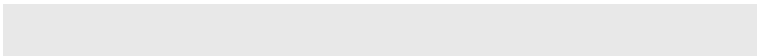
BED1CC



7FA171



5D6965



E8E8E8



696969



# Same Dimension

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



71A193



86D1BB



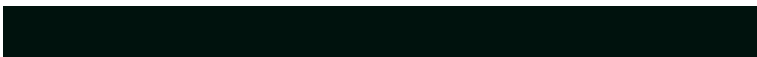
7197A1



49524F



009167



00120D



# Inverse Universe

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



A1717F



D1869C



A17B71



52494C



91002A



120005



# Previews

## White Background



This preview shows how the Hex color 71A193 looks on a white background.

## Color Contrast Check

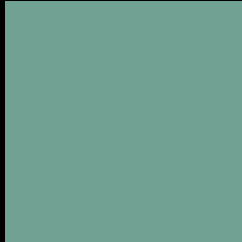
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 71A193 looks on a 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 ✓ Pass

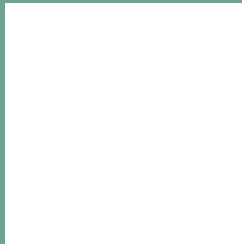
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 71A193 Background



This preview shows how black text looks on a background with the Hex color 71A193.

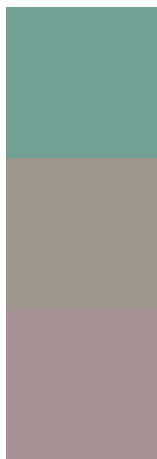


This preview shows how white text looks on a background with the Hex color 71A193.

# 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**

71A193

**Protanopia**

9C968D

**Deuteranopia**


A69296



# Trichromacy

	<b>Original Color</b> 71A193
	<b>Protanomaly</b> 8C9A8F
	<b>Deuteranomaly</b> 939795
	<b>Tritanomaly</b> 749FA2

# Monochromacy

	<b>Original Color</b> 71A193
	<b>Achromatopsia</b> 919191
	<b>Achromatomaly</b> 859792

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 71A193 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 #71A193 looks like.

```
.text, #text, p{  
    color:#71A193  
}
```

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 #71A193 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71A193
}
```

## Border

The CSS property to change the border of an element to Hex 71A193 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
#71A193 }
```

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

```
.border{ border-color:#71A193 }
```

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

Here you see how a box with a 4 pixel #71A193 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71A193; -webkit-box-shadow:4px 4px  
4px 4px #71A193; box-shadow:4px 4px 4px  
4px #71A193 }
```

# Background

The CSS property to change the background color of an element to Hex 71A193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71A193 }
```

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

```
.background{ background-color:#71A193 }
```

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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