

Converting Colors

Hex(78AC93)

Have a look what the booklet for
Hex(78AC93) contains.

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Color

Hex(78AC93)

Conversions

Conversions Part 1

Format	Color
Hex	78AC93
RGB	120, 172, 147
RGB Percent	47%, 67%, 58%
CMY	0.5294, 0.3255, 0.4235
CMYK	0.30, 0.00, 0.15, 0.33
HSL	151°, 24%, 57%
HSV	151°, 30%, 67%
XYZ	27.7647, 35.6047, 33.0128
YIQ	153.6020, -22.9670, -18.7990

Conversions

Conversions Part 2

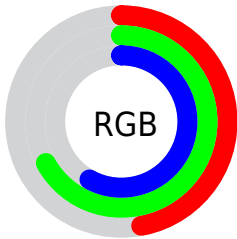
Format	Color
RYB	120, 154, 172
Decimal	7908499
CIELab	66.22, -22.62, 7.39
CIELCh	66, 23.802, 161.905
Yxy	35.6047, 0.2881, 0.3694
Android (android.graphics.Color)	4286098579 (0xFF78AC93)
YUV	153.6020, -3.2548, -29.4690
Hunter-Lab	59.6697, -21.3646, 8.9660

Details

The Hex color **78AC93** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **AC7891**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **AEE4C9**, and **457760** is the 20% darker color. If you saturate the color by 10%, you get **67AC8B**, and if you desaturate by 10%, it is **89AC9B**.

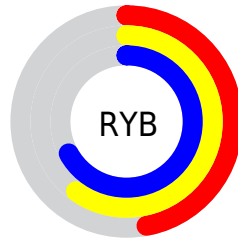
Distribution



Red (47%)

Green (67%)

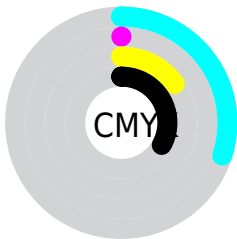
Blue (58%)



Red (47%)

Yellow (60%)

Blue (67%)

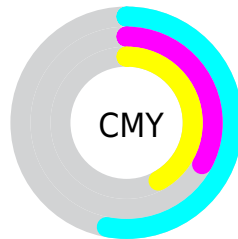


Cyan (30%)

Magenta (0%)

Yellow (15%)

Black (33%)



Cyan (53%)

Magenta (33%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 78AC93 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 78AC93 by changing the saturation by 10% instead.

 78AC93

 78AC93

FFFFFF

 5E9179

 AEE4C9

 457760

 C9FFE5

 2D5E49

 E6FFFF

 134732

 00301D

 001D04

 000000

 78AC93

 78AC93

 67AC8B

 89AC9B

 56AC82

 9AACA4

 44AC7A

 ACACAC

 33AC72

 BDACB4

 22AC6A

 CEACBC

 11AC61

 DFACC5

 00AC59

 F0ACCD

 FFACD5

 FFACDD

Harmonies

Analogous

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



90A881



78AC93



66ADA9

Triad

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



78AC93



93A0CA



C99585

Complementary

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



78AC93



AC7891

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.



CC9299



78AC93



AF99C1

Square

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



78AC93



76A7C9



C393AF



BC9B79

Rectangle

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



78AC93



62ACB7



C393AF



CC938B

Sweetspot

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



78AC93



CCE0D7



91AC78



64706A



F0F0F0



707070

Same Dimension

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



78AC93



90E0BA



78ABAC



4E5753



00964E



00170C

Inverse Universe

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



AC7891



E090B6



AC7978



574E52



960048



17000B

Previews

White Background



This preview shows how the Hex color 78AC93 looks on a white background.

Color Contrast Check

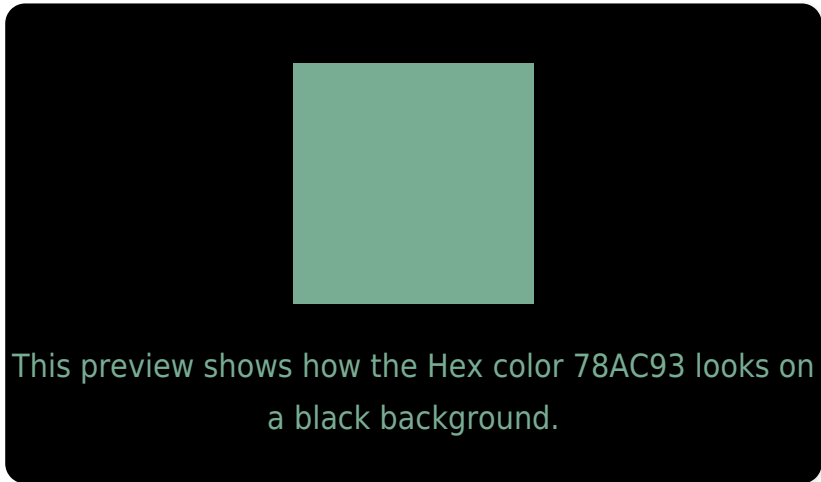
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 78AC93 Background



This preview shows how black text looks on a background with the Hex color 78AC93.

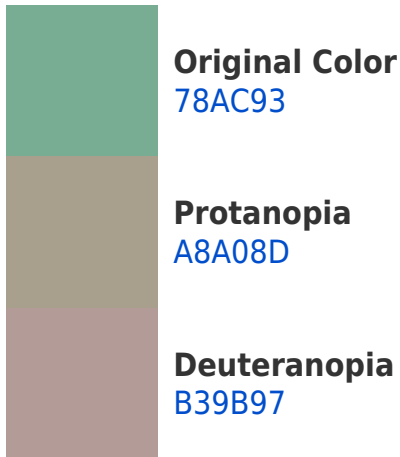


This preview shows how white text looks on a background with the Hex color 78AC93.

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](#).

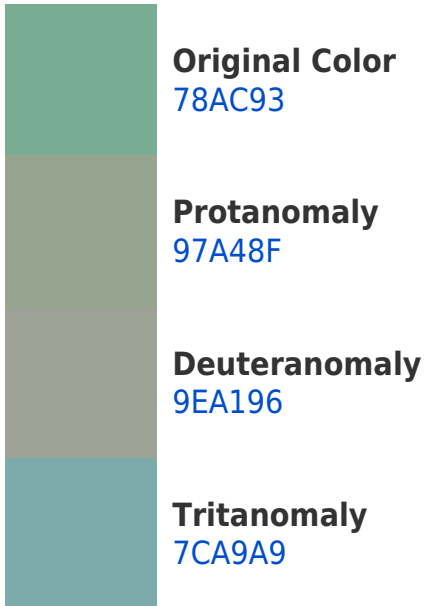
Dichromacy



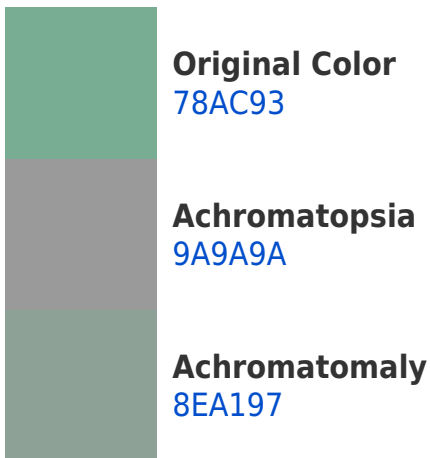


Tritanopia
7FA7B5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 78AC93 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 #78AC93 looks like.

```
.text, #text, p{  
    color:#78AC93  
}
```

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 #78AC93 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78AC93
}
```

Border

The CSS property to change the border of an element to Hex 78AC93 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
#78AC93 }
```

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

```
.border{ border-color:#78AC93 }
```

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

Here you see how a box with a 4 pixel #78AC93 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78AC93; -webkit-box-shadow:4px 4px  
4px 4px #78AC93; box-shadow:4px 4px 4px  
4px #78AC93 }
```

Background

The CSS property to change the background color of an element to Hex 78AC93 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78AC93 }
```

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

```
.background{ background-color:#78AC93 }
```

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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