

Converting Colors

Hex(64AC94)

Have a look what the booklet for
Hex(64AC94) contains.

Hex(64AC94)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(64AC94)

Conversions

Conversions Part 1

Format	Color
Hex	64AC94
RGB	100, 172, 148
RGB Percent	39%, 67%, 58%
CMY	0.6078, 0.3255, 0.4196
CMYK	0.42, 0.00, 0.14, 0.33
HSL	160°, 30%, 53%
HSV	160°, 42%, 67%
XYZ	25.3533, 34.3525, 33.3114
YIQ	147.7360, -35.2080, -22.7280

Conversions

Conversions Part 2

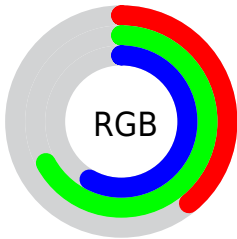
Format	Color
RYB	100, 143, 172
Decimal	6597780
CIELab	65.24, -28.32, 5.31
CIElCh	65, 28.810, 169.385
Yxy	34.3525, 0.2726, 0.3693
Android (android.graphics.Color)	4284787860 (0xFF64AC94)
YUV	147.7360, 0.1302, -41.8645
Hunter-Lab	58.6110, -25.3555, 7.3304

Details

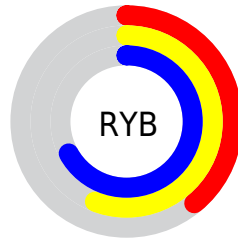
The Hex color **64AC94** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **AC647C**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **9AE4CA**, and **2E7761** is the 20% darker color. If you saturate the color by 10%, you get **53AC8E**, and if you desaturate by 10%, it is **75AC9A**.

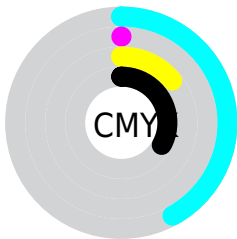
Distribution



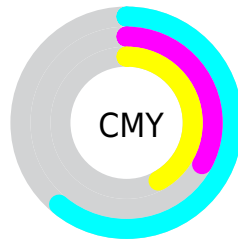
- Red (39%)
- Green (67%)
- Blue (58%)



- Red (39%)
- Yellow (56%)
- Blue (67%)



- Cyan (42%)
- Magenta (0%)
- Yellow (14%)
- Black (33%)



- Cyan (61%)
- Magenta (33%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 64AC94 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 64AC94 by changing the saturation by 10% instead.



64AC94



64AC94

FFFFFF



49917A



9AE4CA



2E7761



B6FFE6



0E5E4A



D2FFFF



004633



EFFFFFF



002F1E



001B05



000000



64AC94



64AC94



53AC8E



75AC9A

 42AC89

 86AC9F

 30AC83

 98ACA5

 1FAC7D

 A9ACAB

 0EAC77

 BAACB1

 00AC73

 CBACB6

 DCACBC

 EEACC2

 FFACC8

Harmonies

Analogous

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



82A87C



64AC94



4DACAF

Triad

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



64AC94



959BCF



CB9178

Complementary

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



64AC94



AC647C

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.



D28C8E



64AC94



B692C0

Square

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



64AC94



6FA4D1



CB8CA9



B99A6C

Rectangle

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



64AC94



4BABBE



CB8CA9



CF8F7F

Sweetspot

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



64AC94



C3E0D7



7CAC64



5E706A



F0F0F0



707070

Same Dimension

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



64AC94



70E0BB



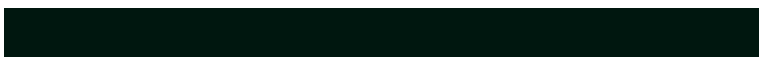
64A0AC



4E5754



009664



00170F

Inverse Universe

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



AC647C



E07096



AC7064



574E51



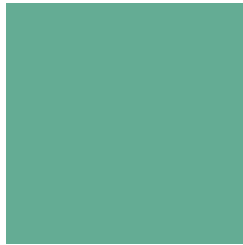
960032



170008

Previews

White Background



This preview shows how the Hex color 64AC94 looks on a white background.

Color Contrast Check

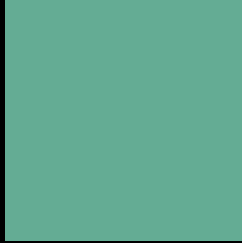
Large Text (above 18pt) WCAG AA × Fail

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 64AC94 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

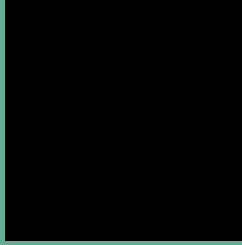
Any Text WCAG AA ✓ Pass

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 64AC94 Background



This preview shows how black text looks on a background with the Hex color 64AC94.

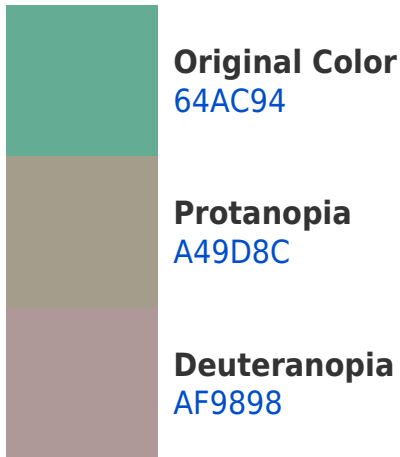


This preview shows how white text looks on a background with the Hex color 64AC94.

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](#).

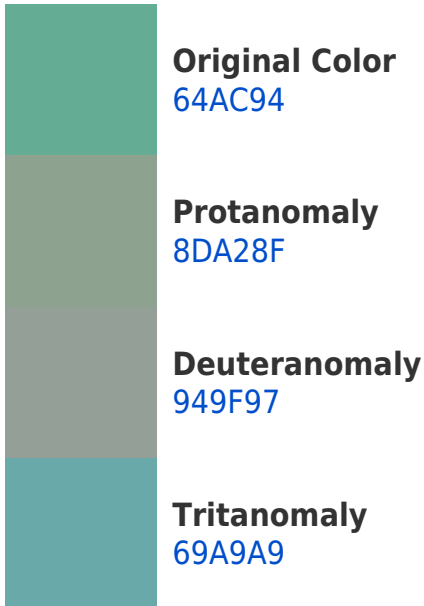
Dichromacy



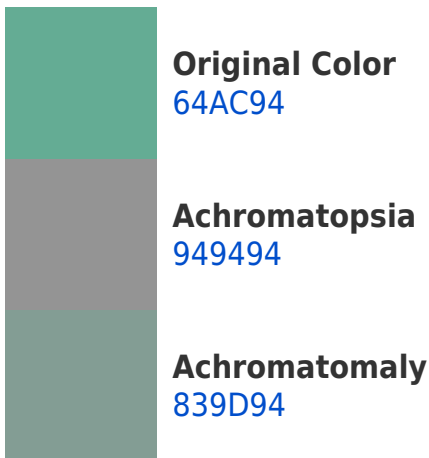


Tritanopia
6CA7B5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 64AC94 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 #64AC94 looks like.

```
.text, #text, p{  
    color:#64AC94  
}
```

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 #64AC94 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64AC94
}
```

Border

The CSS property to change the border of an element to Hex 64AC94 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
#64AC94 }
```

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

```
.border{ border-color:#64AC94 }
```

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

Here you see how a box with a 4 pixel #64AC94 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64AC94; -webkit-box-shadow:4px 4px  
4px 4px #64AC94; box-shadow:4px 4px 4px  
4px #64AC94 }
```

Background

The CSS property to change the background color of an element to Hex 64AC94 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64AC94 }
```

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

```
.background{ background-color:#64AC94 }
```

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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