

Converting Colors

Hex(64A88C)

Have a look what the booklet for
Hex(64A88C) contains.

Hex(64A88C)	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(64A88C)

Conversions

Conversions Part 1

Format	Color
Hex	64A88C
RGB	100, 168, 140
RGB Percent	39%, 66%, 55%
CMY	0.6078, 0.3412, 0.4510
CMYK	0.40, 0.00, 0.17, 0.34
HSL	155°, 28%, 53%
HSV	155°, 40%, 66%
XYZ	23.9918, 32.6080, 29.8404
YIQ	144.4760, -31.5400, -23.1240

Conversions

Conversions Part 2

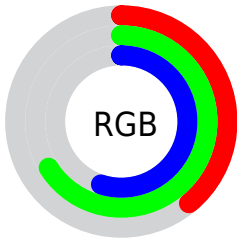
Format	Color
RYB	100, 143, 168
Decimal	6596748
CIELab	63.84, -28.15, 7.75
CIELCh	64, 29.201, 164.612
Yxy	32.6080, 0.2776, 0.3772
Android (android.graphics.Color)	4284786828 (0xFF64A88C)
YUV	144.4760, -2.2067, -39.0055
Hunter-Lab	57.1034, -24.9350, 8.9894

Details

The Hex color **64A88C** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A86480**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **9AE0C2**, and **2F745A** is the 20% darker color. If you saturate the color by 10%, you get **53A885**, and if you desaturate by 10%, it is **75A893**.

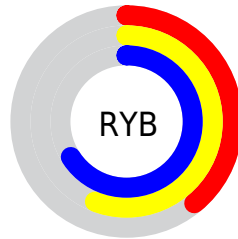
Distribution



Red (39%)

Green (66%)

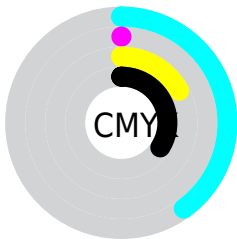
Blue (55%)



Red (39%)

Yellow (56%)

Blue (66%)

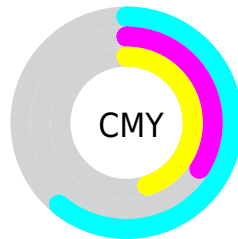


Cyan (40%)

Magenta (0%)

Yellow (17%)

Black (34%)



Cyan (61%)

Magenta (34%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 64A88C 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 64A88C by changing the saturation by 10% instead.



64A88C



64A88C

FFFFFF



4A8D72



9AE0C2



2F745A



B5FCDD



125B43



D2FFFA



00432C



FFFFFF



002C18



001600



000000



64A88C



64A88C



53A885



75A893

 42A87E

 86A89A

 32A877

 96A8A1

 21A870

 A7A8A8

 10A869

 B8A8AF

 00A863

 C9A8B6

 DAA8BC

 EAA8C3

 FBA8CA

Harmonies

Analogous

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



83A475



64A88C



4AA9A7

Triad

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



64A88C



8B99CD



C98C77

Complementary

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



64A88C



A86480

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.



CF878F



64A88C



AE90C0

Square

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



64A88C



64A1CC



C689A9



B99469

Rectangle

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



64A88C



44A8B7



C689A9



CD8A7E

Sweetspot

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



64A88C



C1DBD0



80A864



5E6E67



EDEDED



6E6E6E

Same Dimension

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



64A88C



70DBAF



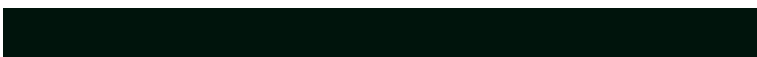
64A2A8



4C5451



009457



00140C

Inverse Universe

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



A86480



DB709C



A86A64



544C4F



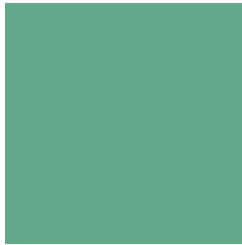
94003D



140008

Previews

White Background



This preview shows how the Hex color 64A88C looks on a white background.

Color Contrast Check

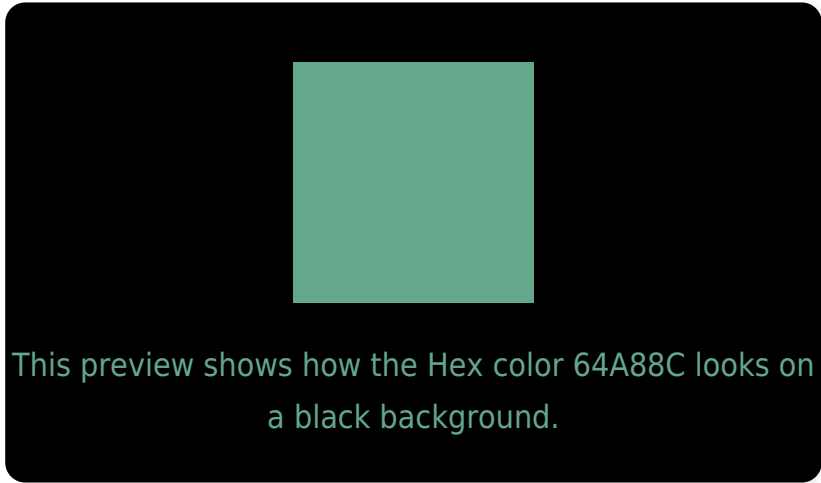
Large Text (above 18pt) WCAG AA × Fail

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

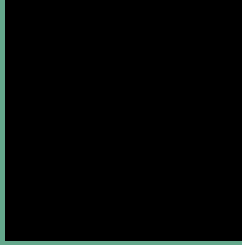
Any Text WCAG AA ✓ Pass

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 64A88C Background



This preview shows how black text looks on a background with the Hex color 64A88C.

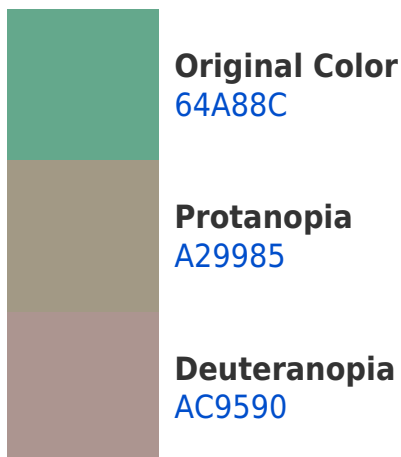


This preview shows how white text looks on a background with the Hex color 64A88C.

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](#).

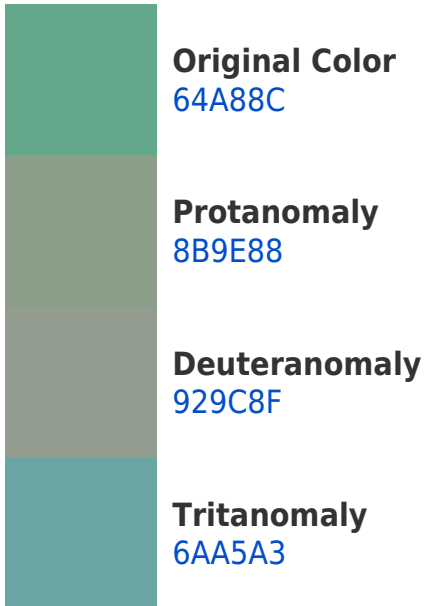
Dichromacy



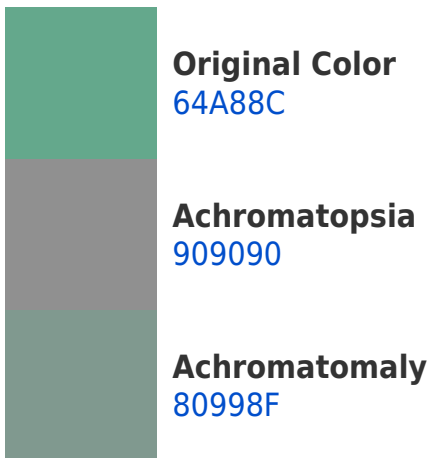


Tritanopia
6DA3B0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 64A88C 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 #64A88C looks like.

```
.text, #text, p{  
    color:#64A88C  
}
```

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 #64A88C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64A88C
}
```

Border

The CSS property to change the border of an element to Hex 64A88C 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
#64A88C }
```

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

```
.border{ border-color:#64A88C }
```

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

Here you see how a box with a 4 pixel #64A88C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64A88C; -webkit-box-shadow:4px 4px  
4px 4px #64A88C; box-shadow:4px 4px 4px  
4px #64A88C }
```

Background

The CSS property to change the background color of an element to Hex 64A88C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64A88C }
```

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

```
.background{ background-color:#64A88C }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor