

Converting Colors

Hex(66AD8C)

Have a look what the booklet for
Hex(66AD8C) contains.

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Color

Hex(66AD8C)

Conversions

Conversions Part 1

Format	Color
Hex	66AD8C
RGB	102, 173, 140
RGB Percent	40%, 68%, 55%
CMY	0.6000, 0.3216, 0.4510
CMYK	0.41, 0.00, 0.19, 0.32
HSL	152°, 30%, 54%
HSV	152°, 41%, 68%
XYZ	25.1567, 34.6054, 30.1646
YIQ	148.0090, -31.7230, -25.3150

Conversions

Conversions Part 2

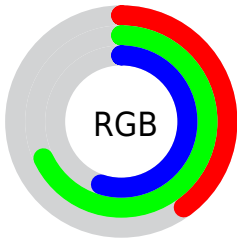
Format	Color
RYB	102, 148, 173
Decimal	6729100
CIELab	65.44, -30.01, 10.03
CIELCh	65, 31.642, 161.510
Yxy	34.6054, 0.2797, 0.3848
Android (android.graphics.Color)	4284919180 (0xFF66AD8C)
YUV	148.0090, -3.9484, -40.3499
Hunter-Lab	58.8263, -26.6118, 10.7761

Details

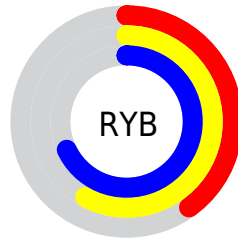
The Hex color **66AD8C** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **AD6687**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **9CE5C2**, and **31785A** is the 20% darker color. If you saturate the color by 10%, you get **55AD84**, and if you desaturate by 10%, it is **77AD94**.

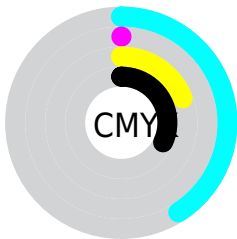
Distribution



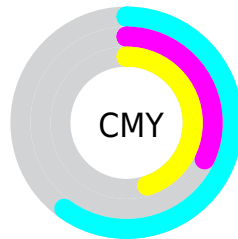
- Red (40%)
- Green (68%)
- Blue (55%)



- Red (40%)
- Yellow (58%)
- Blue (68%)



- Cyan (41%)
- Magenta (0%)
- Yellow (19%)
- Black (32%)



- Cyan (60%)
- Magenta (32%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 66AD8C 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 66AD8C by changing the saturation by 10% instead.


 66AD8C

 66AD8C

FFFFFF

 4C9272

 9CE5C2

 31785A

 B8FFDD

 135F42

 D4FFFA

 00472C

 F1FFFF

 003017

 001C00

 000000

 66AD8C

 66AD8C

 55AD84

 77AD94

 43AD7C

 89AD9C

 32AD74

 9AADA4

 21AD6C

 ABADAC

 10AD64

 BDADB4

 00AD5D

 CEADBC

 DFADC4

 F0ADCC

 FFADD4

Harmonies

Analogous

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



88A874



66AD8C



46AEA9

Triad

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



66AD8C



899ED6



D38E7B

Complementary

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



66AD8C



AD6687

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.



D78995



66AD8C



B094C9

Square

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



66AD8C



5DA7D4



CB8CB2



C2976A

Rectangle

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



66AD8C



3BADBC



CB8CB2



D68C83

Sweetspot

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



66AD8C



C5E0D4



87AD66



607069



F0F0F0



707070

Same Dimension

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



66AD8C



72E0AD



66ABAD



4E5753



009651



00170C

Inverse Universe

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



AD6687



E072A6



AD6866



574E52



960046



17000B

Previews

White Background



This preview shows how the Hex color 66AD8C looks on a white background.

Color Contrast Check

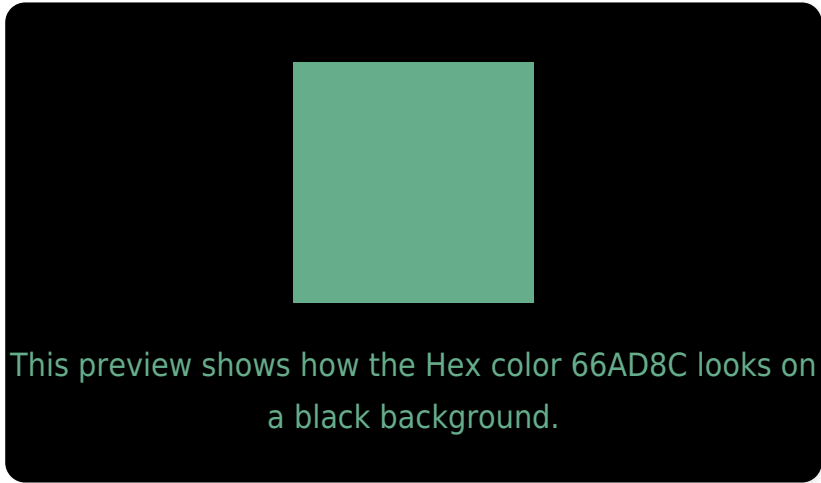
Large Text (above 18pt) WCAG AA × Fail

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 66AD8C Background



This preview shows how black text looks on a background with the Hex color 66AD8C.

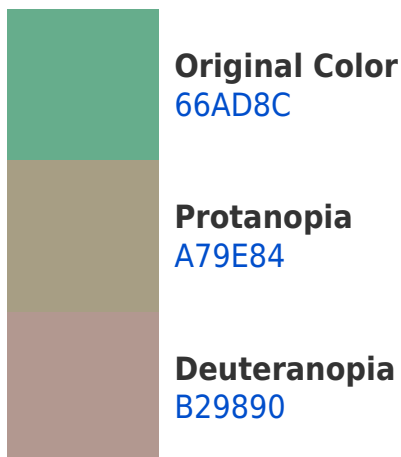


This preview shows how white text looks on a background with the Hex color 66AD8C.

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](#).

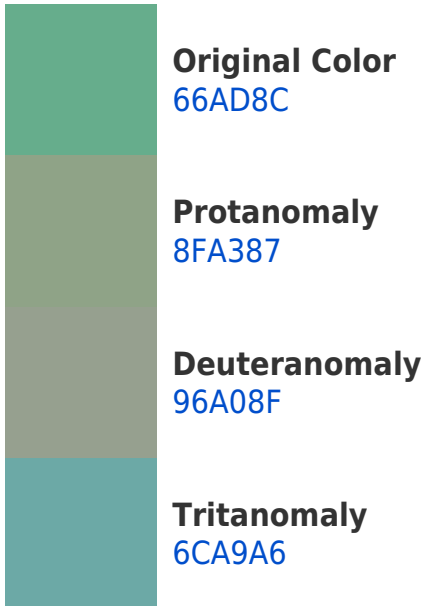
Dichromacy





Tritanopia
70A7B5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 66AD8C 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 #66AD8C looks like.

```
.text, #text, p{  
    color:#66AD8C  
}
```

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 #66AD8C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66AD8C
}
```

Border

The CSS property to change the border of an element to Hex 66AD8C 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
#66AD8C }
```

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

```
.border{ border-color:#66AD8C }
```

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

Here you see how a box with a 4 pixel #66AD8C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66AD8C; -webkit-box-shadow:4px 4px  
4px 4px #66AD8C; box-shadow:4px 4px 4px  
4px #66AD8C }
```

Background

The CSS property to change the background color of an element to Hex 66AD8C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66AD8C }
```

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

```
.background{ background-color:#66AD8C }
```

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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