

# Converting Colors

Hex(88AD99)

Have a look what the booklet for  
Hex(88AD99) contains.

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# **Color**

**Hex(88AD99)**

# Conversions

## Conversions Part 1

Format	Color
Hex	88AD99
RGB	136, 173, 153
RGB Percent	53%, 68%, 60%
CMY	0.4667, 0.3216, 0.4000
CMYK	0.21, 0.00, 0.12, 0.32
HSL	148°, 18%, 61%
HSV	148°, 21%, 68%
XYZ	30.8467, 37.4213, 35.7342
YIQ	159.6570, -15.6320, -14.0640

# Conversions

## Conversions Part 2

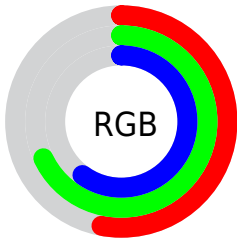
Format	Color
<a href="#">RYB</a>	<a href="#">136, 161, 173</a>
Decimal	<a href="#">8957337</a>
CIELab	<a href="#">67.59, -16.70, 6.17</a>
CIELCh	<a href="#">68, 17.807, 159.731</a>
Yxy	<a href="#">37.4213, 0.2966, 0.3598</a>
Android (android.graphics.Color)	<a href="#">4287147417 (0xFF88AD99)</a>
YUV	<a href="#">159.6570, -3.2819, -20.7472</a>
Hunter-Lab	<a href="#">61.1729, -17.0434, 8.1868</a>

# Details

The Hex color **88AD99** is a light color, and the websafe version is hex **669999**. A complement of this color would be **AD889C**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **BEE5CF**, and **557966** is the 20% darker color. If you saturate the color by 10%, you get **77AD90**, and if you desaturate by 10%, it is **99ADA2**.

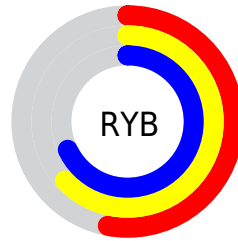
# Distribution



Red (53%)

Green (68%)

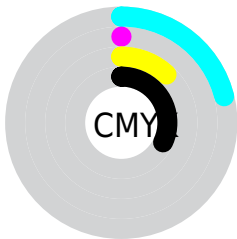
Blue (60%)



Red (53%)

Yellow (63%)

Blue (68%)

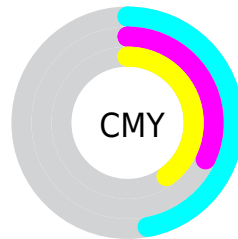


Cyan (21%)

Magenta (0%)

Yellow (12%)

Black (32%)



Cyan (47%)

Magenta (32%)

Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 88AD99 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 88AD99 by changing the saturation by 10% instead.





88AD99



88AD99

FFFFFF



6E927F



BEE5CF



557966



DAF FEC



3D604E



F6FFFF



264837



103122



001D0C



000000



88AD99



88AD99



77AD90



99ADA2

65AD86

ABADAC

54AD7D

BCADB5

43AD74

CDADBE

31AD6A

DFADC8

20AD61

F0ADD1

0FAD58

FFADDA

00AD4F

FFADE4

FFADED

# Harmonies

## Analogous

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



9AAA8C



88AD99



7CAEA9

# Triad

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



88AD99



99A4C4



C49B91

# Complementary

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



88AD99



AD889C

# 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.



C699A0



88AD99



AE9FBD

# Square

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



88AD99



86A9C2



BE9BB0



BBA087

# Rectangle

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



88AD99



79ADB4



BE9BB0



C69A95



# Sweetspot

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



88AD99



D3E0D9



9CAD88



68706C



F0F0F0



707070



# Same Dimension

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



88AD99



A6E0C1



88ADAB



4E5752



009645



00170B



# Inverse Universe

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



AD889C



E0A6C6



AD888A



574E53



960051



17000C



# Previews

## White Background



This preview shows how the Hex color 88AD99 looks on a white background.

## Color Contrast Check

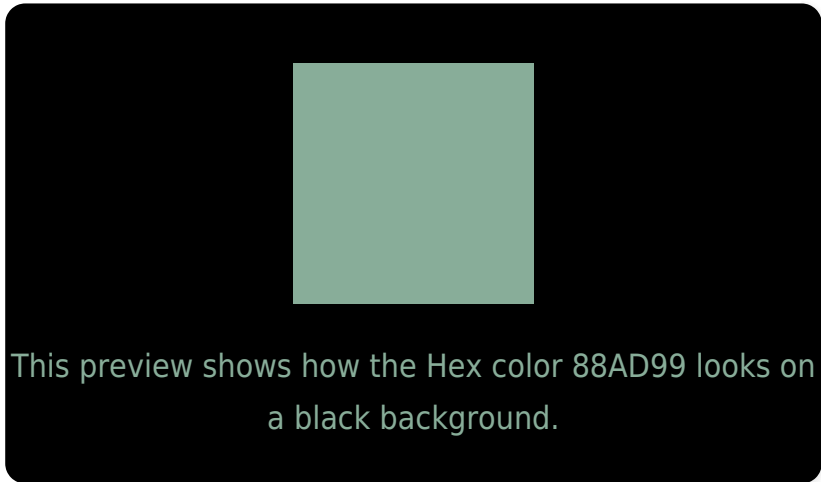
Large Text (above 18pt) WCAG AA × Fail

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

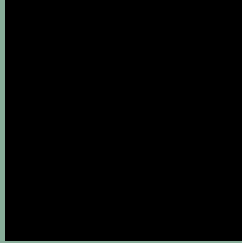
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

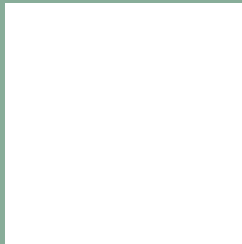
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 88AD99 Background



This preview shows how black text looks on a background with the Hex color 88AD99.

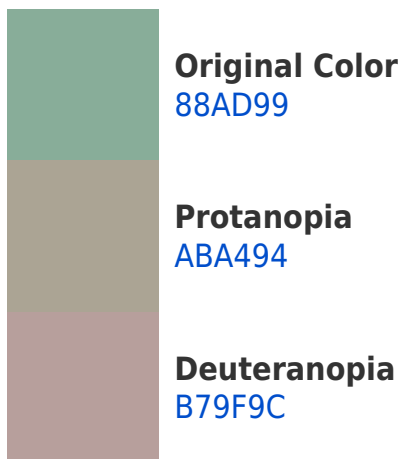


This preview shows how white text looks on a background with the Hex color 88AD99.

# 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](#).

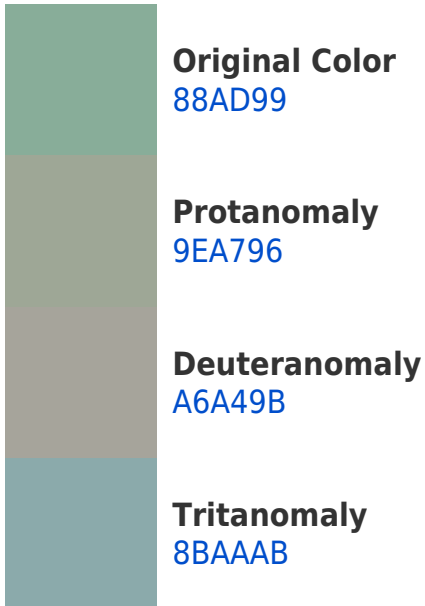
## Dichromacy



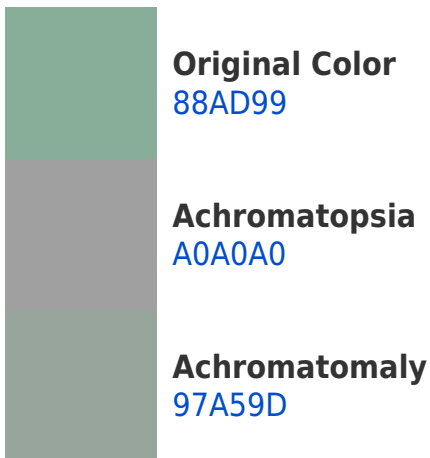


**Tritanopia**  
8DA9B6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 88AD99 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 #88AD99 looks like.

```
.text, #text, p{  
    color:#88AD99  
}
```

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 #88AD99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #88AD99
}
```

## Border

The CSS property to change the border of an element to Hex 88AD99 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
#88AD99 }
```

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

```
.border{ border-color:#88AD99 }
```

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

Here you see how a box with a 4 pixel #88AD99 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #88AD99; -webkit-box-shadow:4px 4px  
4px 4px #88AD99; box-shadow:4px 4px 4px  
4px #88AD99 }
```

# Background

The CSS property to change the background color of an element to Hex 88AD99 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#88AD99 }
```

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

```
.background{ background-color:#88AD99 }
```

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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