

# Converting Colors

Hex(65A8A7)

Have a look what the booklet for  
Hex(65A8A7) contains.

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**Color**

**Hex(65A8A7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	65A8A7
RGB	101, 168, 167
RGB Percent	40%, 66%, 65%
CMY	0.6039, 0.3412, 0.3451
CMYK	0.40, 0.00, 0.01, 0.34
HSL	179°, 28%, 53%
HSV	179°, 40%, 66%
XYZ	26.3445, 33.5620, 41.6488
YIQ	147.8530, -39.6110, -14.5150

# Conversions

## Conversions Part 2

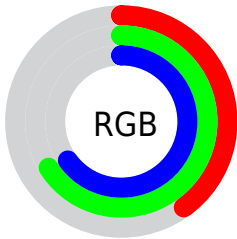
<b>Format</b>	<b>Color</b>
<b>RYB</b>	101, 135, 168
Decimal	6662311
CIELab	64.61, -21.47, -6.19
CIElCh	65, 22.345, 196.090
Yxy	33.5620, 0.2594, 0.3305
Android (android.graphics.Color)	4284852391 (0xFF65A8A7)
YUV	147.8530, 9.4395, -41.0901
Hunter-Lab	57.9327, -20.2106, -2.0717

# Details

The Hex color **65A8A7** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A86566**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **9BDFDE**, and **2F7473** is the 20% darker color. If you saturate the color by 10%, you get **54A8A7**, and if you desaturate by 10%, it is **76A8A7**.

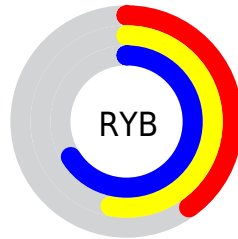
# Distribution



Red (40%)

Green (66%)

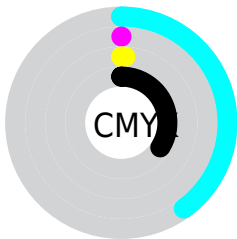
Blue (65%)



Red (40%)

Yellow (53%)

Blue (66%)

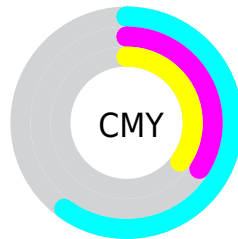


Cyan (40%)

Magenta (0%)

Yellow (1%)

Black (34%)



Cyan (60%)

Magenta (34%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 65A8A7 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 65A8A7 by changing the saturation by 10% instead.



65A8A7

65A8A7

FFFFFF

4A8D8D

9BDFDE

2F7473

B7FCFB

0E5B5B

D4FFFF

004343

F1FFFF

002C2D

001918

000000

65A8A7

65A8A7

54A8A7

76A8A7

■ 43A8A6

■ 87A8A8

■ 33A8A6

■ 97A8A8

■ 22A8A6

■ A8A8A8

■ 11A8A6

■ B9A8A8

■ 00A8A5

■ CAA8A9

■ DBA8A9

■ EBA8A9

■ FCA8A9

# Harmonies

## Analogous

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



74A792



65A8A7



66A6B9

# Triad

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



65A8A7



AD94B9



B49876

# Complementary

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



65A8A7



A86566

# 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.



C29281



65A8A7



BF8FA7

# Square

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



65A8A7



939BC3



C68F93



A09F76

# Rectangle

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



65A8A7



71A3C1



C68F93



B99679



# Sweetspot

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



65A8A7



C1DBDB



66A865



5E6E6D



EDEDED



6E6E6E



# Same Dimension

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



65A8A7



72DBDA



6588A8



4C5454



009492



001414



# Inverse Universe

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



A86566



DB7274



A88565



544C4C



940002

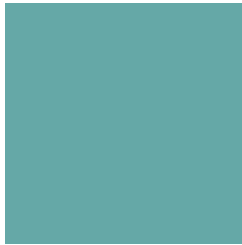


140000



# Previews

## White Background



This preview shows how the Hex color 65A8A7 looks on a white background.

## Color Contrast Check

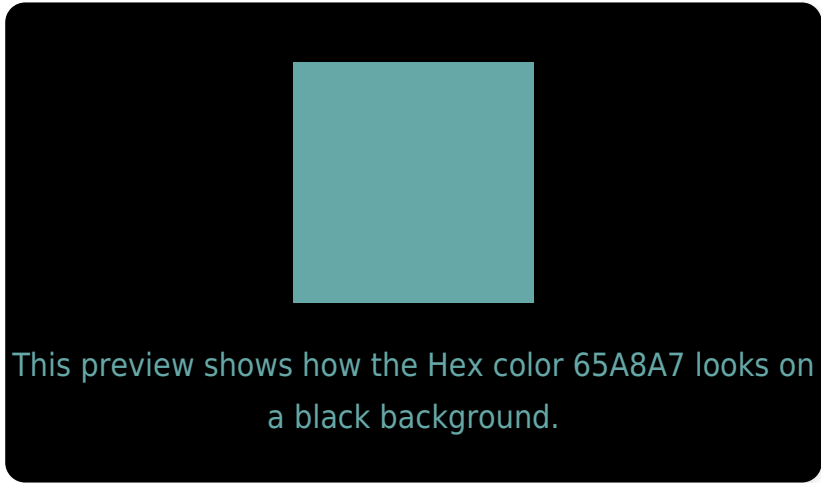
Large Text (above 18pt) WCAG AA × Fail

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

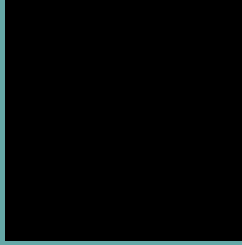
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 65A8A7 Background



This preview shows how black text looks on a background with the Hex color 65A8A7.

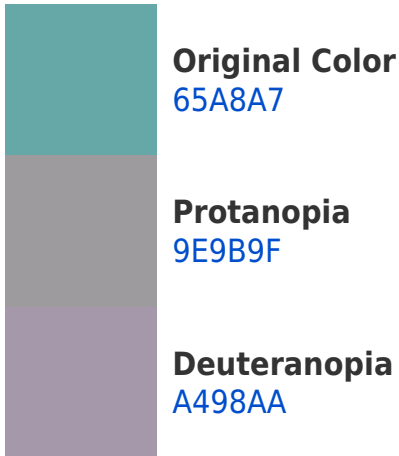


This preview shows how white text looks on a background with the Hex color 65A8A7.

# 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](#).

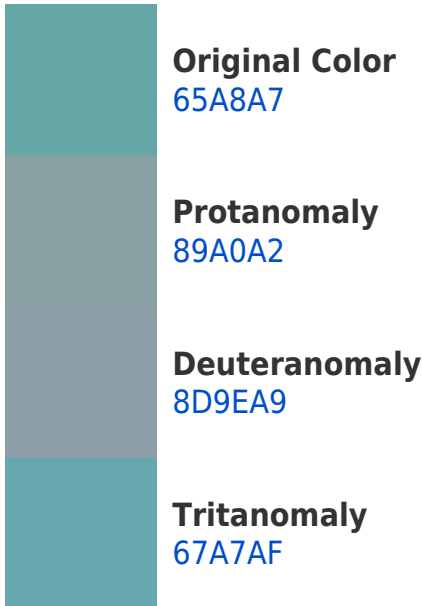
## Dichromacy



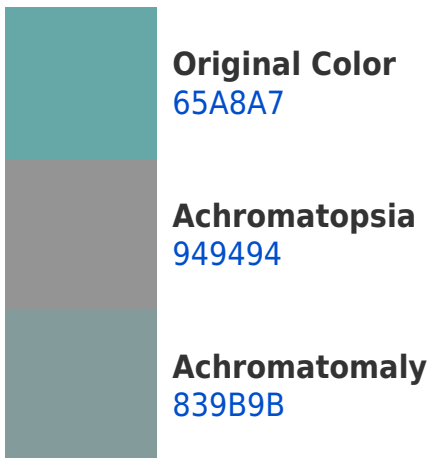


**Tritanopia**  
68A6B3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 65A8A7 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 #65A8A7 looks like.

```
.text, #text, p{  
    color:#65A8A7  
}
```

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 #65A8A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65A8A7
}
```

## Border

The CSS property to change the border of an element to Hex 65A8A7 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
#65A8A7 }
```

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

```
.border{ border-color:#65A8A7 }
```

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

Here you see how a box with a 4 pixel #65A8A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65A8A7; -webkit-box-shadow:4px 4px  
4px 4px #65A8A7; box-shadow:4px 4px 4px  
4px #65A8A7 }
```

# Background

The CSS property to change the background color of an element to Hex 65A8A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65A8A7 }
```

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

```
.background{ background-color:#65A8A7 }
```

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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