

# Converting Colors

Hex(66AE8C)

Have a look what the booklet for  
Hex(66AE8C) contains.

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# Color

**Hex(66AE8C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	66AE8C
RGB	102, 174, 140
RGB Percent	40%, 68%, 55%
CMY	0.6000, 0.3176, 0.4510
CMYK	0.41, 0.00, 0.20, 0.32
HSL	152°, 31%, 54%
HSV	152°, 41%, 68%
XYZ	25.3492, 34.9903, 30.2287
YIQ	148.5960, -31.9980, -25.8380

# Conversions

## Conversions Part 2

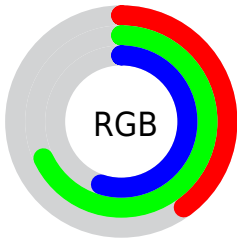
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">102, 149, 174</a>
Decimal	<a href="#">6729356</a>
CIELab	<a href="#">65.74, -30.49, 10.46</a>
CIELCh	<a href="#">66, 32.234, 161.062</a>
Yxy	<a href="#">34.9903, 0.2799, 0.3863</a>
Android (android.graphics.Color)	<a href="#">4284919436 (0xFF66AE8C)</a>
YUV	<a href="#">148.5960, -4.2378, -40.8647</a>
Hunter-Lab	<a href="#">59.1526, -27.0230, 11.1079</a>

# Details

The Hex color **66AE8C** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **AE6688**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **9CE6C2**, and **31795A** is the 20% darker color. If you saturate the color by 10%, you get **55AE84**, and if you desaturate by 10%, it is **77AE94**.

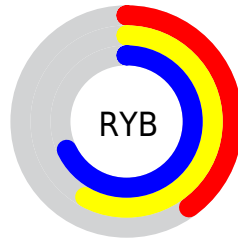
# Distribution



Red (40%)

Green (68%)

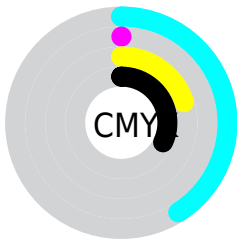
Blue (55%)



Red (40%)

Yellow (58%)

Blue (68%)

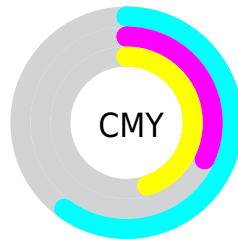


Cyan (41%)

Magenta (0%)

Yellow (20%)

Black (32%)



Cyan (60%)

Magenta (32%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 66AE8C 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 66AE8C by changing the saturation by 10% instead.





66AE8C



66AE8C

FFFFFF



4C9372



9CE6C2



31795A



B8FFDD



136042



D4FFFA



00482C



F1FFFF



003017



001C00



000000



66AE8C



66AE8C



55AE84



77AE94

 43AE7C

 89AE9C

 32AE73

 9AAEA5

 20AE6B

 ACAEAD

 0FAE63

 BDAEB5

 00AE5C

 CEAEBD

 E0AEC6

 F1AECE

 FFAED6

# Harmonies

## Analogous

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



89A973



66AE8C



45AFAA

# Triad

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



66AE8C



899FD8



D58E7B

# Complementary

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



66AE8C



AE6688

# 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.



D98A96



66AE8C



B194CB

# Square

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



66AE8C



5BA8D6



CD8CB3



C39869

# Rectangle

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



66AE8C



39AFBC



CD8CB3



D88C83



# Sweetspot

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



66AE8C



C8E3D6



89AE66



63736B



F2F2F2



737373



# Same Dimension

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



66AE8C



71E3AD



66ADAE



4E5753



00964F



00170C



# Inverse Universe

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



AE6688



E371A7



AE6766



574E52



960047

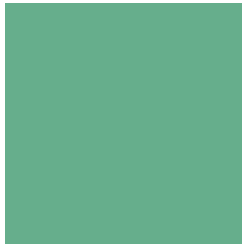


17000B



# Previews

## White Background



This preview shows how the Hex color 66AE8C looks on a white background.

## Color Contrast Check

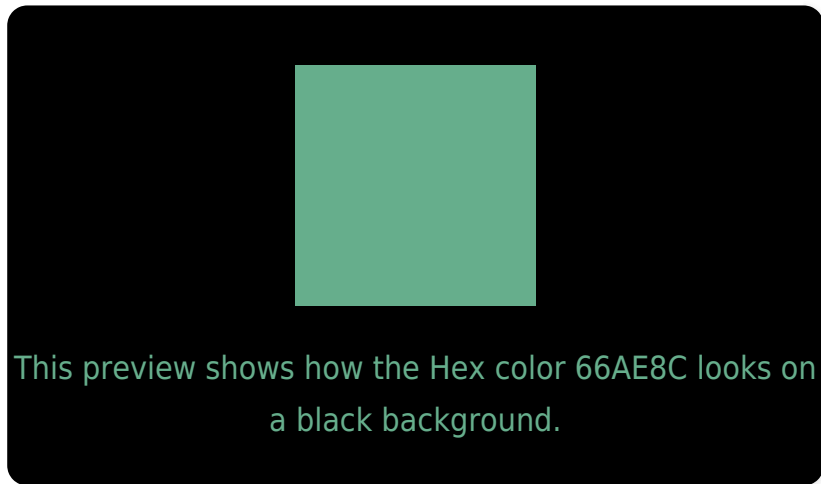
Large Text (above 18pt) WCAG AA × Fail

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

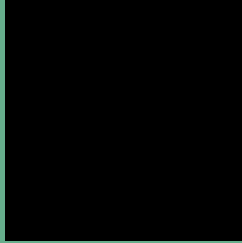
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 66AE8C Background



This preview shows how black text looks on a background with the Hex color 66AE8C.

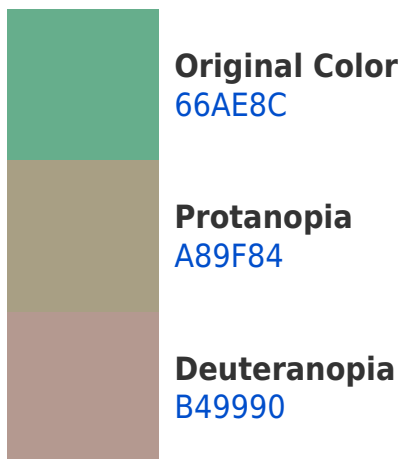


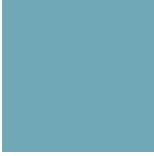
This preview shows how white text looks on a background with the Hex color 66AE8C.

# 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](#).

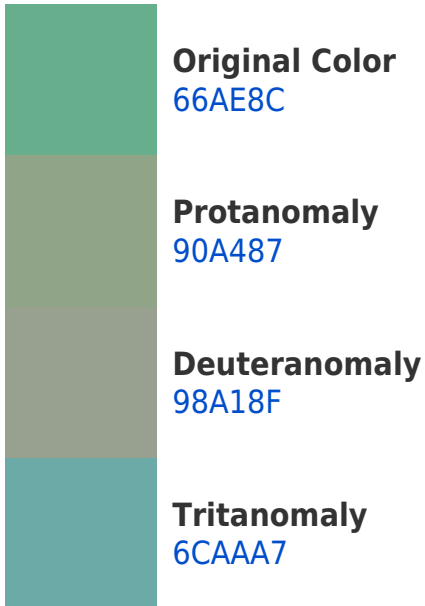
## Dichromacy





**Tritanopia**  
70A8B6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 66AE8C 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 #66AE8C looks like.

```
.text, #text, p{  
    color:#66AE8C  
}
```

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 #66AE8C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66AE8C
}
```

## Border

The CSS property to change the border of an element to Hex 66AE8C 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
#66AE8C }
```

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

```
.border{ border-color:#66AE8C }
```

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

Here you see how a box with a 4 pixel #66AE8C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66AE8C; -webkit-box-shadow:4px 4px  
4px 4px #66AE8C; box-shadow:4px 4px 4px  
4px #66AE8C }
```

# Background

The CSS property to change the background color of an element to Hex 66AE8C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66AE8C }
```

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

```
.background{ background-color:#66AE8C }
```

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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