

# Converting Colors

Hex(66AC7C)

Have a look what the booklet for  
Hex(66AC7C) contains.

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# Color

Hex(66AC7C)

# Conversions

## Conversions Part 1

Format	Color
Hex	66AC7C
RGB	102, 172, 124
RGB Percent	40%, 67%, 49%
CMY	0.6000, 0.3255, 0.5137
CMYK	0.41, 0.00, 0.28, 0.33
HSL	139°, 30%, 54%
HSV	139°, 41%, 67%
XYZ	23.8701, 33.7851, 24.3319
YIQ	145.5980, -26.3120, -29.7680

# Conversions

## Conversions Part 2

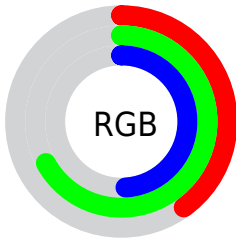
<b>Format</b>	<b>Color</b>
<b>RYB</b>	102, 155, 172
Decimal	6728828
CIELab	64.79, -32.78, 17.93
CIElCh	65, 37.364, 151.325
Yxy	33.7851, 0.2911, 0.4121
Android (android.graphics.Color)	4284918908 (0xFF66AC7C)
YUV	145.5980, -10.6478, -38.2354
Hunter-Lab	58.1249, -28.4142, 15.8679

# Details

The Hex color **66AC7C** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **AC6696**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **9CE4B1**, and **31774B** is the 20% darker color. If you saturate the color by 10%, you get **55AC70**, and if you desaturate by 10%, it is **77AC88**.

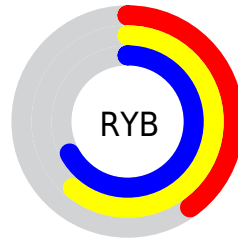
# Distribution



Red (40%)

Green (67%)

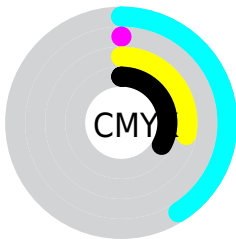
Blue (49%)



Red (40%)

Yellow (61%)

Blue (67%)

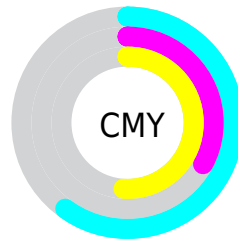


Cyan (41%)

Magenta (0%)

Yellow (28%)

Black (33%)



Cyan (60%)

Magenta (33%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 66AC7C 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 66AC7C by changing the saturation by 10% instead.



 66AC7C

 66AC7C

FFFFFF

 4C9163

 9CE4B1

 31774B

 B8FFCC

 145E34

 D4FFE8

 00461E

 F1FFFF

 002F07

 001900

 000000

 66AC7C

 66AC7C

 55AC70

 77AC88

 44AC64

 88AC94

 32AC59

 9AAC9F

 21AC4D

 ABACAB

 10AC41

 BCACB7

 00AC36

 CDACC3

 DEACCF

 F0ACDA

 FFACE6

# Harmonies

## Analogous

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



8FA663



66AC7C



34AF9E

# Triad

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



66AC7C



6EA0E0



DC867C

# Complementary

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



66AC7C



AC6696

# 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.



DC839D



66AC7C



A394D6

# Square

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



66AC7C



2AA9D7



C888BE



CD9063

# Rectangle

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



66AC7C



00AFB4



C888BE



DE8487



# Sweetspot

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



66AC7C



C5E0CE



97AC66



607065



F0F0F0



707070



# Same Dimension

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



66AC7C



72E095



66AC9E



4E5751



00962F



001707



# Inverse Universe

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



AC6696



E072BE



AC6674



574E54



960067



170010



# Previews

## White Background



This preview shows how the Hex color 66AC7C looks on a white background.

## Color Contrast Check

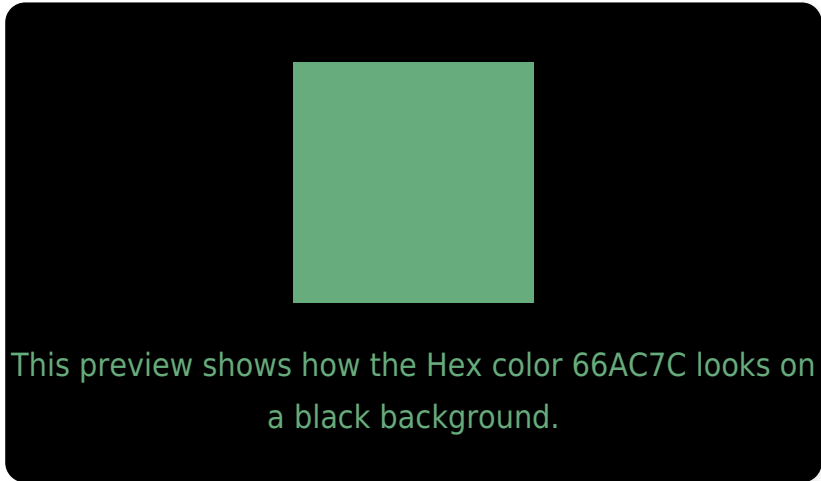
Large Text (above 18pt) WCAG AA × Fail

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

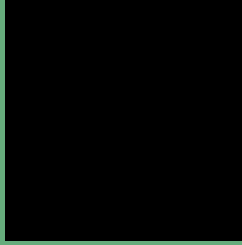
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 66AC7C Background



This preview shows how black text looks on a background with the Hex color 66AC7C.



This preview shows how white text looks on a background with the Hex color 66AC7C.

# 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](#).

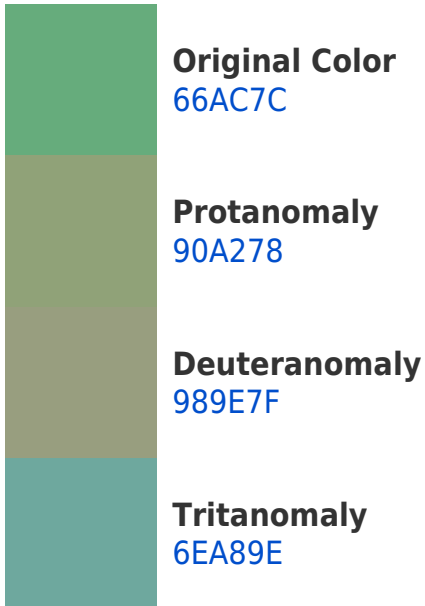
## Dichromacy



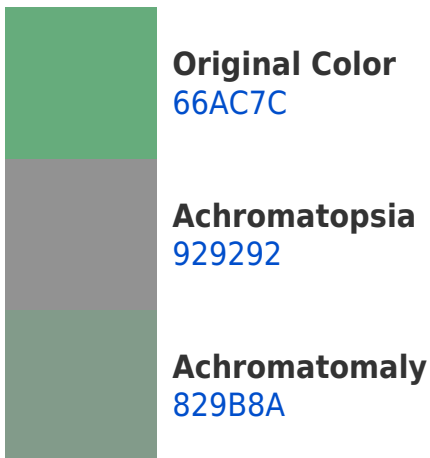


**Tritanopia**  
72A5B2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 66AC7C 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 #66AC7C looks like.

```
.text, #text, p{  
    color:#66AC7C  
}
```

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 #66AC7C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66AC7C
}
```

## Border

The CSS property to change the border of an element to Hex 66AC7C 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
#66AC7C }
```

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

```
.border{ border-color:#66AC7C }
```

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

Here you see how a box with a 4 pixel #66AC7C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66AC7C; -webkit-box-shadow:4px 4px  
4px 4px #66AC7C; box-shadow:4px 4px 4px  
4px #66AC7C }
```

# Background

The CSS property to change the background color of an element to Hex 66AC7C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66AC7C }
```

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

```
.background{ background-color:#66AC7C }
```

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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