

# Converting Colors

Hex(66A9AC)

Have a look what the booklet for  
Hex(66A9AC) contains.

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**Color**

**Hex(66A9AC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	66A9AC
RGB	102, 169, 172
RGB Percent	40%, 66%, 67%
CMY	0.6000, 0.3373, 0.3255
CMYK	0.41, 0.02, 0.00, 0.33
HSL	183°, 30%, 54%
HSV	183°, 41%, 67%
XYZ	27.1139, 34.1793, 44.1979
YIQ	149.3090, -40.8950, -13.2710

# Conversions

## Conversions Part 2

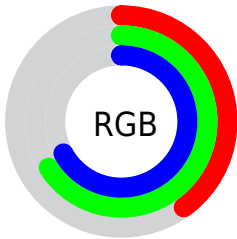
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">102, 136, 172</a>
Decimal	<a href="#">6728108</a>
CIELab	<a href="#">65.10, -20.44, -8.25</a>
CIElCh	<a href="#">65, 22.045, 201.975</a>
Yxy	<a href="#">34.1793, 0.2570, 0.3240</a>
Android (android.graphics.Color)	<a href="#">4284918188 (0xFF66A9AC)</a>
YUV	<a href="#">149.3090, 11.1867, -41.4900</a>
Hunter-Lab	<a href="#">58.4630, -19.5260, -3.8990</a>

# Details

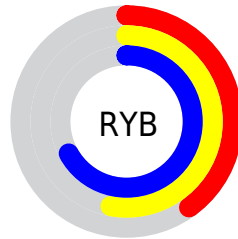
The Hex color **66A9AC** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **AC6966**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **9DE0E3**, and **307578** is the 20% darker color. If you saturate the color by 10%, you get **55A8AC**, and if you desaturate by 10%, it is **77AAAC**.

# Distribution



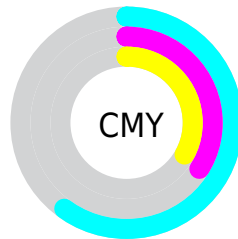
- Red (40%)
- Green (66%)
- Blue (67%)



- Red (40%)
- Yellow (53%)
- Blue (67%)



- Cyan (41%)
- Magenta (2%)
- Yellow (0%)
- Black (33%)



- Cyan (60%)
- Magenta (34%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 66A9AC 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 66A9AC by changing the saturation by 10% instead.



 66A9AC

 66A9AC

FFFFFF

 4B8E91

 9DE0E3

 307578

 B9FDFF

 0E5C5F

 D5FFFF

 004447

 F2FFFF

 002D31

 001B1C

 000000

 66A9AC

 66A9AC

 55A8AC

 77AAAC

44A8AC

88AAAC

32A7AC

9AABAC

21A6AC

ABACAC

10A5AC

BCADAC

00A5AC

CDADAC

DEAEAC

F0AFAC

FFB0AC

# Harmonies

## Analogous

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



72A998



66A9AC



6BA6BC

# Triad

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



66A9AC



B294B7



B29B77

# Complementary

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



66A9AC



AC6966

# 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.



C19580



66A9AC



C290A4

# Square

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



66A9AC



9A9BC2



C79090



9DA179

# Rectangle

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



66A9AC



77A3C3



C79090



B79979



# Sweetspot

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



66A9AC



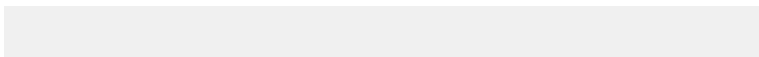
C5DFE0



66AC68



607070



F0F0F0



707070



# Same Dimension

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



66A9AC



72DCE0



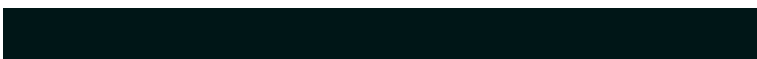
6687AC



4E5657



009096



001617



# Inverse Universe

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



AC66A9



E072DC



AC8B66



574E56



960090

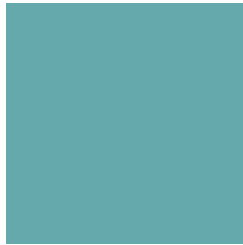


170016



# Previews

## White Background



This preview shows how the Hex color 66A9AC looks on a white background.

## Color Contrast Check

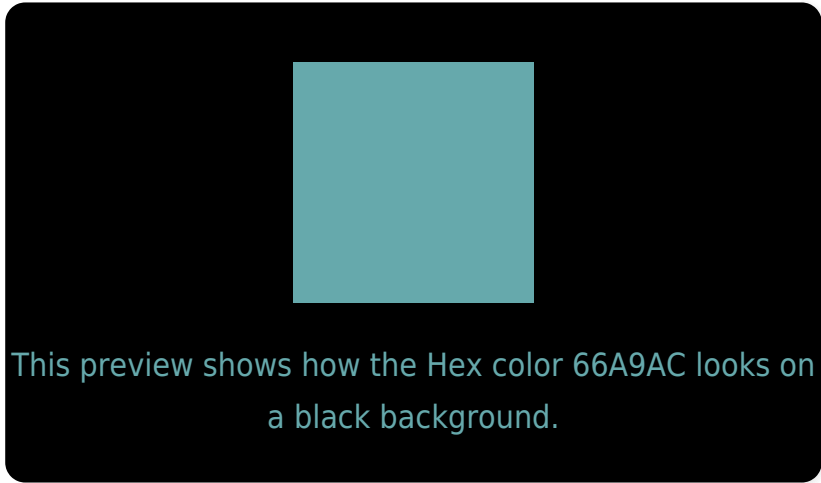
Large Text (above 18pt) WCAG AA × Fail

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

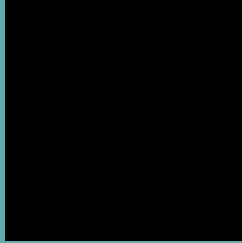
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 66A9AC Background



This preview shows how black text looks on a background with the Hex color 66A9AC.

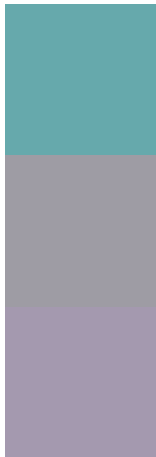


This preview shows how white text looks on a background with the Hex color 66A9AC.

# 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](#).

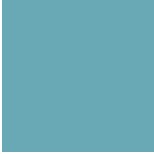
## Dichromacy



**Original Color**  
66A9AC

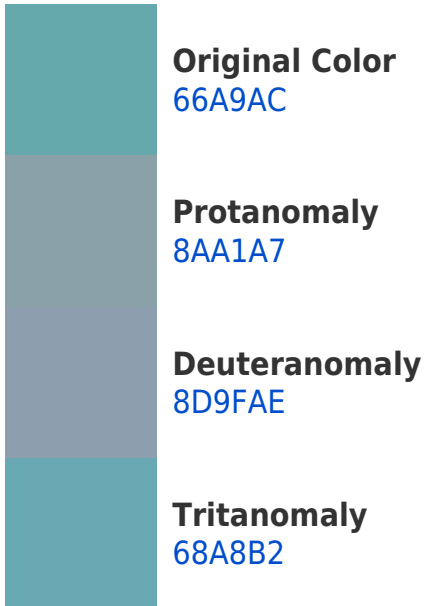
**Protanopia**  
9E9CA4

**Deuteranopia**  
A499AF

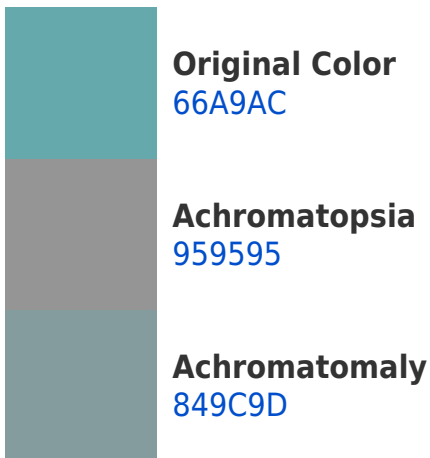


**Tritanopia**  
69A8B5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 66A9AC 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 #66A9AC looks like.

```
.text, #text, p{  
    color:#66A9AC  
}
```

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 #66A9AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66A9AC
}
```

## Border

The CSS property to change the border of an element to Hex 66A9AC 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
#66A9AC }
```

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

```
.border{ border-color:#66A9AC }
```

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

Here you see how a box with a 4 pixel #66A9AC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66A9AC; -webkit-box-shadow:4px 4px  
4px 4px #66A9AC; box-shadow:4px 4px 4px  
4px #66A9AC }
```

# Background

The CSS property to change the background color of an element to Hex 66A9AC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66A9AC }
```

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

```
.background{ background-color:#66A9AC }
```

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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