

Converting Colors

Hex(66AC9E)

Have a look what the booklet for
Hex(66AC9E) contains.

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Color

Hex(66AC9E)

Conversions

Conversions Part 1

Format	Color
Hex	66AC9E
RGB	102, 172, 158
RGB Percent	40%, 67%, 62%
CMY	0.6000, 0.3255, 0.3804
CMYK	0.41, 0.00, 0.08, 0.33
HSL	168°, 30%, 54%
HSV	168°, 41%, 67%
XYZ	26.4036, 34.7985, 37.6729
YIQ	149.4740, -37.2260, -19.1940

Conversions

Conversions Part 2

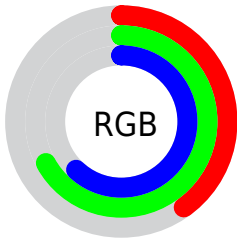
Format	Color
RYB	102, 141, 172
Decimal	6728862
CIELab	65.59, -25.44, 0.27
CIELCh	66, 25.443, 179.395
Yxy	34.7985, 0.2670, 0.3519
Android (android.graphics.Color)	4284918942 (0xFF66AC9E)
YUV	149.4740, 4.2033, -41.6347
Hunter-Lab	58.9902, -23.3376, 3.4288

Details

The Hex color **66AC9E** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **AC6674**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **9CE4D5**, and **30776B** is the 20% darker color. If you saturate the color by 10%, you get **55AC9B**, and if you desaturate by 10%, it is **77ACA1**.

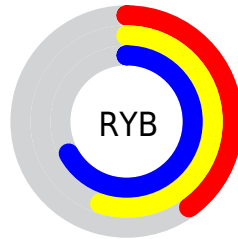
Distribution



Red (40%)

Green (67%)

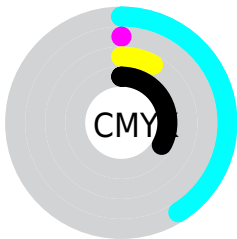
Blue (62%)



Red (40%)

Yellow (55%)

Blue (67%)

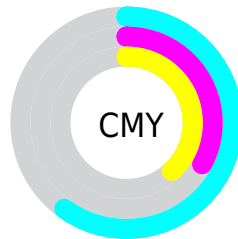


Cyan (41%)

Magenta (0%)

Yellow (8%)

Black (33%)



Cyan (60%)

Magenta (33%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 66AC9E 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 66AC9E by changing the saturation by 10% instead.



66AC9E



66AC9E

FFFFFF



4B9184



9CE4D5



30776B



B8FFF1



115E53



D5FFFF



00463C



F2FFFF



002F26



001C11



000000



66AC9E



66AC9E



55AC9B



77ACA1

■ 44AC97

■ 88ACA5

■ 32AC94

■ 9AACA8

■ 21AC90

■ ABACAC

■ 10AC8D

■ BCACAF

■ 00AC8A

■ CDACB3

■ DEACB6

■ F0ACBA

■ FFACBD

Harmonies

Analogous

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



7EAA87



66AC9E



5AABB5

Triad

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



66AC9E



A29AC7



C39679

Complementary

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



66AC9E



AC6674

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.



CD908A



66AC9E



BC92B7

Square

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



66AC9E



82A2CC



CB8FA1



B09E72

Rectangle

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



66AC9E



5FA9C1



CB8FA1



C7947E

Sweetspot

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



66AC9E



C5E0DB



74AC66



60706D



F0F0F0



707070

Same Dimension

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



66AC9E



72E0CA



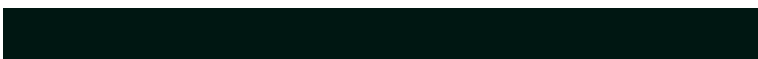
6697AC



4E5755



009678



001712

Inverse Universe

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



AC6674



E07288



AC7B66



574E50



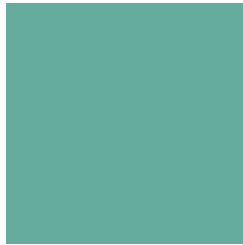
96001E



170005

Previews

White Background



This preview shows how the Hex color 66AC9E looks on a white background.

Color Contrast Check

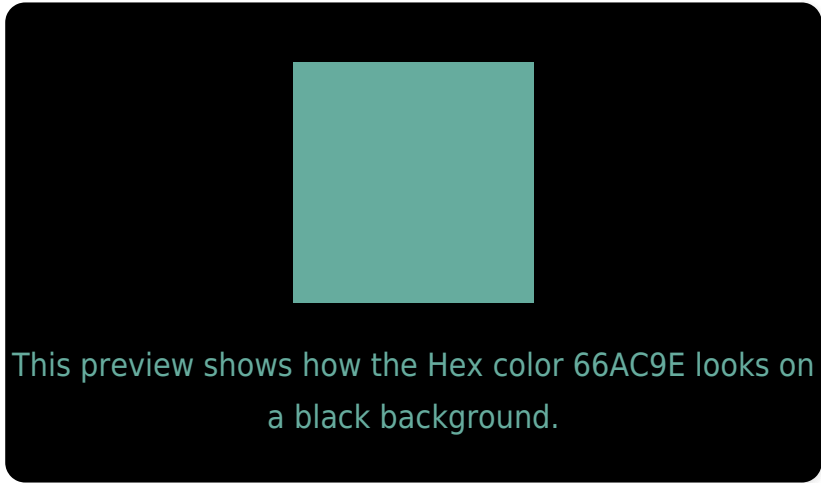
Large Text (above 18pt) WCAG AA × Fail

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

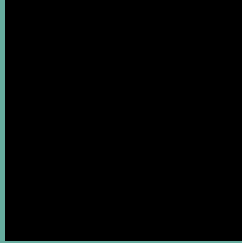
Any Text WCAG AA ✓ Pass

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 66AC9E Background



This preview shows how black text looks on a background with the Hex color 66AC9E.

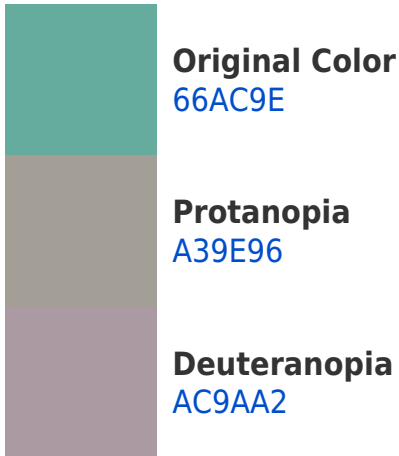


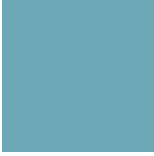
This preview shows how white text looks on a background with the Hex color 66AC9E.

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](#).

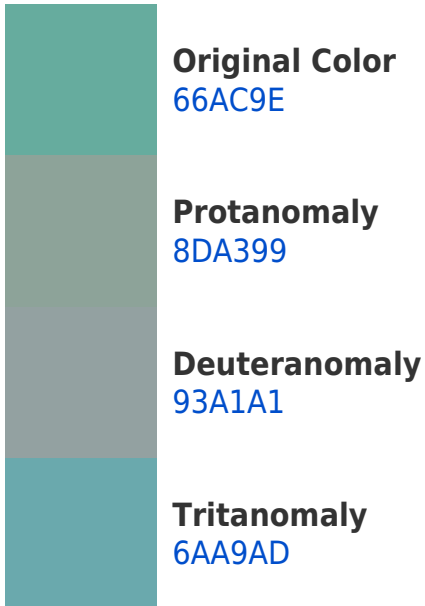
Dichromacy





Tritanopia
6CA8B6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 66AC9E 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 #66AC9E looks like.

```
.text, #text, p{  
    color:#66AC9E  
}
```

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 #66AC9E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66AC9E
}
```

Border

The CSS property to change the border of an element to Hex 66AC9E 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
#66AC9E }
```

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

```
.border{ border-color:#66AC9E }
```

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

Here you see how a box with a 4 pixel #66AC9E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66AC9E; -webkit-box-shadow:4px 4px  
4px 4px #66AC9E; box-shadow:4px 4px 4px  
4px #66AC9E }
```

Background

The CSS property to change the background color of an element to Hex 66AC9E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66AC9E }
```

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

```
.background{ background-color:#66AC9E }
```

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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