

# Converting Colors

Hex(68AD95)

Have a look what the booklet for  
Hex(68AD95) contains.

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# Color

**Hex(68AD95)**

# Conversions

## Conversions Part 1

Format	Color
Hex	68AD95
RGB	104, 173, 149
RGB Percent	41%, 68%, 58%
CMY	0.5922, 0.3216, 0.4157
CMYK	0.40, 0.00, 0.14, 0.32
HSL	159°, 30%, 54%
HSV	159°, 40%, 68%
XYZ	26.0773, 35.0001, 33.8151
YIQ	149.6330, -33.4200, -22.0920

# Conversions

## Conversions Part 2

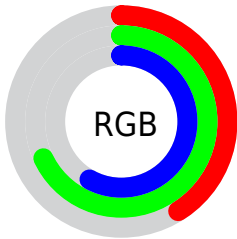
Format	Color
<a href="#">RYB</a>	<a href="#">104, 146, 173</a>
Decimal	<a href="#">6860181</a>
CIELab	<a href="#">65.75, -27.47, 5.51</a>
CIELCh	<a href="#">66, 28.015, 168.665</a>
Yxy	<a href="#">35.0001, 0.2748, 0.3688</a>
Android (android.graphics.Color)	<a href="#">4285050261</a> ( <a href="#">0xFF68AD95</a> )
YUV	<a href="#">149.6330, -0.3121, -40.0201</a>
Hunter-Lab	<a href="#">59.1609, -24.8513, 7.5238</a>

# Details

The Hex color **68AD95** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **AD6880**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **9EE5CB**, and **337862** is the 20% darker color. If you saturate the color by 10%, you get **57AD8F**, and if you desaturate by 10%, it is **79AD9B**.

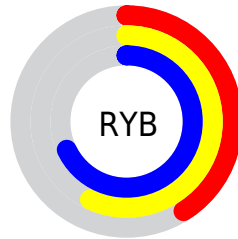
# Distribution



Red (41%)

Green (68%)

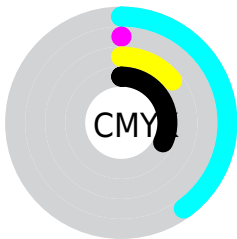
Blue (58%)



Red (41%)

Yellow (57%)

Blue (68%)

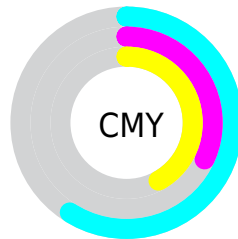


Cyan (40%)

Magenta (0%)

Yellow (14%)

Black (32%)



Cyan (59%)

Magenta (32%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 68AD95 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 68AD95 by changing the saturation by 10% instead.



 68AD95

 68AD95

FFFFFF

 4E927B

 9EE5CB

 337862

 BAFFE7

 165F4B

 D6FFFF

 004734

 F3FFFF

 00301F

 001D06

 000000

 68AD95

 68AD95

 57AD8F

 79AD9B

 45AD89

 8BADA1

 34AD83

 9CADA7

 23AD7D

 ADADAD

 12AD77

 BFADB3

 00AD71

 D0ADB9

 E1ADB F

 F2ADC5

 FFADC B

# Harmonies

## Analogous

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



85A97E



68AD95



53AEAF

# Triad

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



68AD95



969DCF



CC937B

# Complementary

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



68AD95



AD6880

# 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.



D28E91



68AD95



B694C1

# Square

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



68AD95



71A5D0



CB8EAA



BA9B6F

# Rectangle

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



68AD95



51ACBE



CB8EAA



CF9082



# Sweetspot

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



68AD95



C5E0D7



80AD68



60706B



F0F0F0



707070



# Same Dimension

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



68AD95



75E0BB



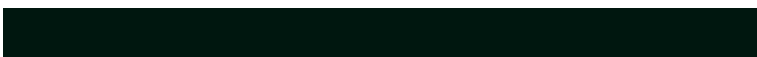
68A3AD



4E5754



009662



00170F



# Inverse Universe

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



AD6880



E0759A



AD7268



574E51



960034



170008



# Previews

## White Background



This preview shows how the Hex color 68AD95 looks on a white background.

## Color Contrast Check

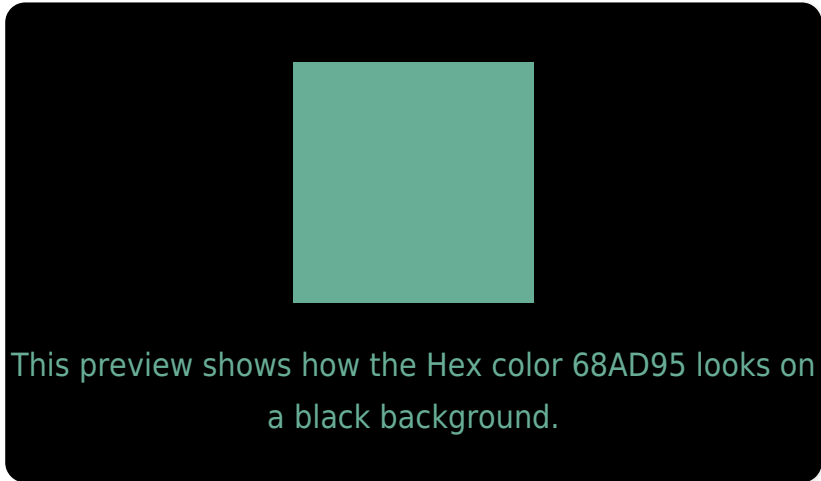
Large Text (above 18pt) WCAG AA × Fail

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

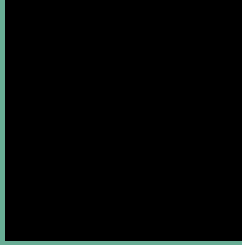
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 68AD95 Background



This preview shows how black text looks on a background with the Hex color 68AD95.

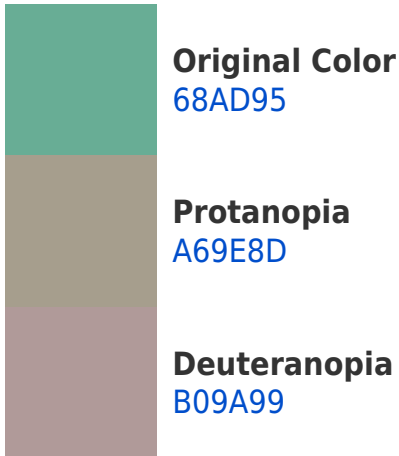


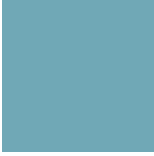
This preview shows how white text looks on a background with the Hex color 68AD95.

# 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](#).

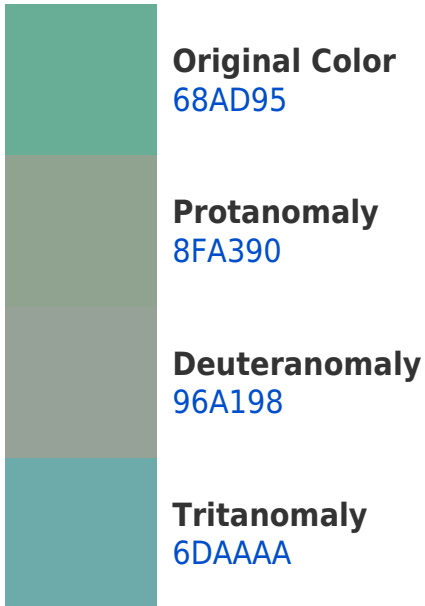
## Dichromacy



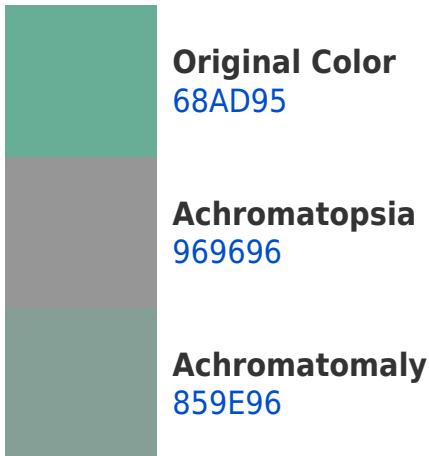


**Tritanopia**  
70A8B6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 68AD95 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 #68AD95 looks like.

```
.text, #text, p{  
    color:#68AD95  
}
```

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 #68AD95 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68AD95
}
```

## Border

The CSS property to change the border of an element to Hex 68AD95 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
#68AD95 }
```

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

```
.border{ border-color:#68AD95 }
```

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

Here you see how a box with a 4 pixel #68AD95 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68AD95; -webkit-box-shadow:4px 4px  
4px 4px #68AD95; box-shadow:4px 4px 4px  
4px #68AD95 }
```

# Background

The CSS property to change the background color of an element to Hex 68AD95 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68AD95 }
```

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

```
.background{ background-color:#68AD95 }
```

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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