

# Converting Colors

Hex(69AB95)

Have a look what the booklet for  
Hex(69AB95) contains.

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**Color**

**Hex(69AB95)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 69AB95                       |
| RGB         | 105, 171, 149                |
| RGB Percent | 41%, 67%, 58%                |
| CMY         | 0.5882, 0.3294, 0.4157       |
| CMYK        | 0.39, 0.00, 0.13, 0.33       |
| HSL         | 160°, 28%, 54%               |
| HSV         | 160°, 39%, 67%               |
| XYZ         | 25.8134, 34.2990, 33.6936    |
| YIQ         | 148.7580, -32.2740, -20.8340 |

# Conversions

## Conversions Part 2

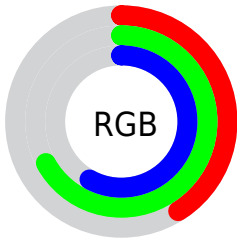
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">105, 145, 171</a>                  |
| Decimal                             | <a href="#">6925205</a>                        |
| CIELab                              | <a href="#">65.20, -26.20, 4.72</a>            |
| CIElCh                              | <a href="#">65, 26.622, 169.785</a>            |
| Yxy                                 | <a href="#">34.2990, 0.2752, 0.3656</a>        |
| Android<br>(android.graphics.Color) | <a href="#">4285115285<br/>(0xFF69AB95)</a>    |
| YUV                                 | <a href="#">148.7580, 0.1193,<br/>-38.3758</a> |
| Hunter-Lab                          | <a href="#">58.5654, -23.8132,<br/>6.8852</a>  |

# Details

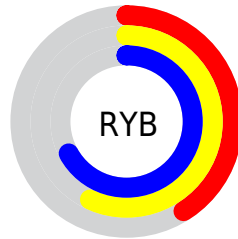
The Hex color **69AB95** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **AB697F**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **9FE3CB**, and **357662** is the 20% darker color. If you saturate the color by 10%, you get **58AB8F**, and if you desaturate by 10%, it is **7AAB9B**.

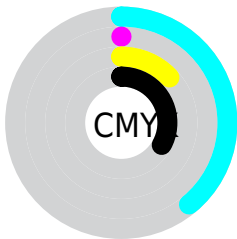
# Distribution



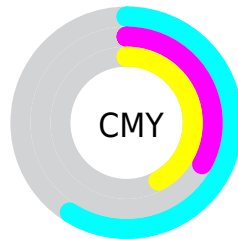
- Red (41%)
- Green (67%)
- Blue (58%)



- Red (41%)
- Yellow (57%)
- Blue (67%)



- Cyan (39%)
- Magenta (0%)
- Yellow (13%)
- Black (33%)



- Cyan (59%)
- Magenta (33%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 69AB95 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 69AB95 by changing the saturation by 10% instead.



69AB95

69AB95

FFFFFF

4F907B

9FE3CB

357662

BBFFE7

195D4B

D7FFFF

004534

F4FFFF

002E1F

001B06

000000

69AB95

69AB95

58AB8F

7AAB9B

■ 47AB8A

■ 8BABA0

■ 36AB84

■ 9CABA6

■ 25AB7E

■ ADABAC

■ 14AB79

■ BEABB1

■ 02AB73

■ D0ABB7

■ 00AB72

■ E1ABBD

■ F2ABC3

■ FFABC8

# Harmonies

## Analogous

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



84A87F



69AB95



56ABAD

# Triad

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



69AB95



979BCB



C8927B

# Complementary

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



69AB95



AB697F

# 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.



CE8D8F



69AB95



B593BD

# Square

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



69AB95



74A3CD



C88DA7



B79A70

# Rectangle

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



69AB95



55AABC



C88DA7



CB9081



# Sweetspot

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



69AB95



C3DED5



7FAB69



60706B



F0F0F0



707070



# Same Dimension

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



69AB95



78DEBC



69A0AB



4E5754



009664



00170F



# Inverse Universe

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



AB697F



DE789A



AB7469



574E51



960032



170008



# Previews

## White Background



This preview shows how the Hex color 69AB95 looks on a white background.

## Color Contrast Check

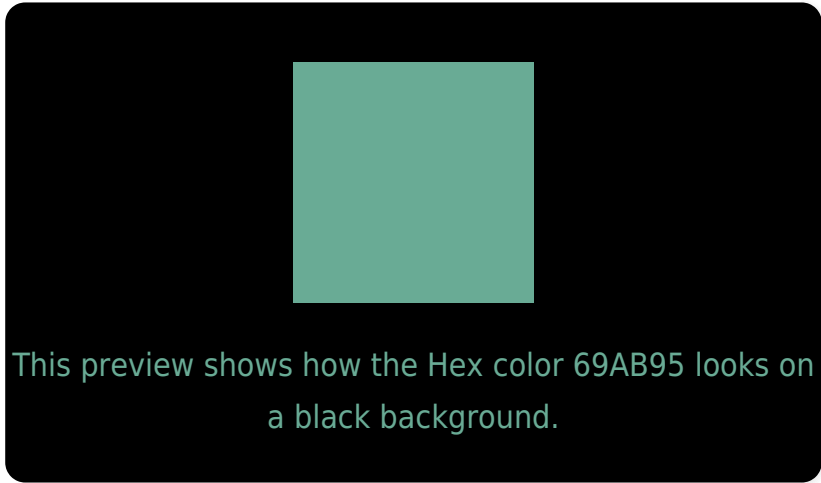
Large Text (above 18pt) WCAG AA × Fail

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

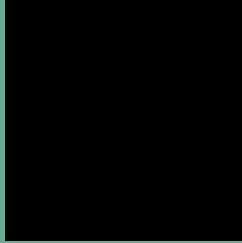
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 69AB95 Background



This preview shows how black text looks on a background with the Hex color 69AB95.

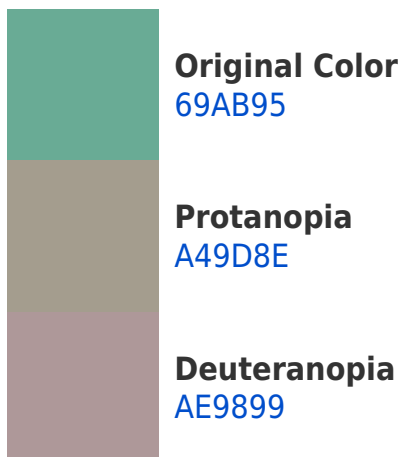


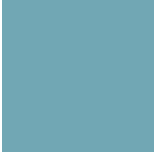
This preview shows how white text looks on a background with the Hex color 69AB95.

# 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](#).

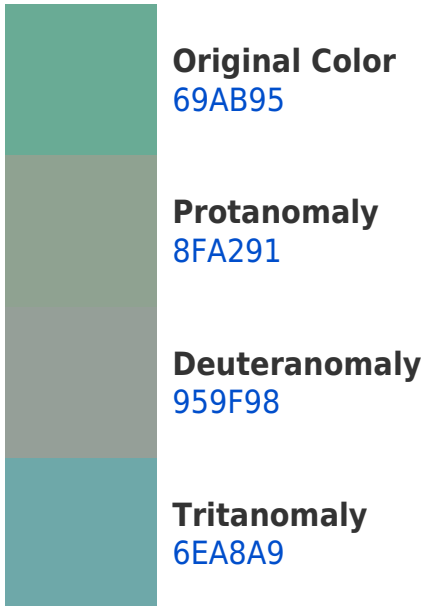
## Dichromacy





**Tritanopia**  
71A7B4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 69AB95 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 #69AB95 looks like.

```
.text, #text, p{  
    color:#69AB95  
}
```

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 #69AB95 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #69AB95
}
```

## Border

The CSS property to change the border of an element to Hex 69AB95 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
#69AB95 }
```

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

```
.border{ border-color:#69AB95 }
```

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

Here you see how a box with a 4 pixel #69AB95 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #69AB95; -webkit-box-shadow:4px 4px  
4px 4px #69AB95; box-shadow:4px 4px 4px  
4px #69AB95 }
```

# Background

The CSS property to change the background color of an element to Hex 69AB95 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#69AB95 }
```

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

```
.background{ background-color:#69AB95 }
```

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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