

Converting Colors

Hex(68AE92)

Have a look what the booklet for
Hex(68AE92) contains.

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Color

Hex(68AE92)

Conversions

Conversions Part 1

Format	Color
Hex	68AE92
RGB	104, 174, 146
RGB Percent	41%, 68%, 57%
CMY	0.5922, 0.3176, 0.4275
CMYK	0.40, 0.00, 0.16, 0.32
HSL	156°, 30%, 55%
HSV	156°, 40%, 68%
XYZ	26.0333, 35.2905, 32.6338
YIQ	149.8780, -32.7320, -23.5480

Conversions

Conversions Part 2

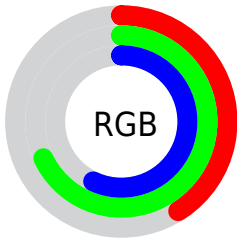
Format	Color
RYB	104, 148, 174
Decimal	6860434
CIELab	65.97, -28.62, 7.49
CIELCh	66, 29.588, 165.335
Yxy	35.2905, 0.2771, 0.3756
Android (android.graphics.Color)	4285050514 (0xFF68AE92)
YUV	149.8780, -1.9119, -40.2350
Hunter-Lab	59.4058, -25.7364, 9.0139

Details

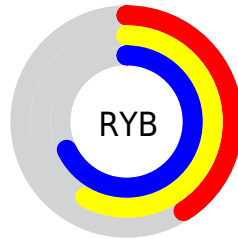
The Hex color **68AE92** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **AE6884**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **9EE6C8**, and **337960** is the 20% darker color. If you saturate the color by 10%, you get **57AE8B**, and if you desaturate by 10%, it is **79AE99**.

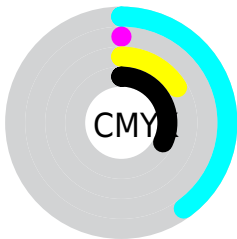
Distribution



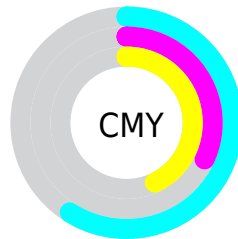
- Red (41%)
- Green (68%)
- Blue (57%)



- Red (41%)
- Yellow (58%)
- Blue (68%)



- Cyan (40%)
- Magenta (0%)
- Yellow (16%)
- Black (32%)



- Cyan (59%)
- Magenta (32%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 68AE92 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 68AE92 by changing the saturation by 10% instead.



68AE92



68AE92

FFFFFF



4E9378



9EE6C8



337960



BAFFE4



166048



D6FFFF



004831



F3FFFF



00311C



001D02



000000



68AE92



68AE92



57AE8B



79AE99

 45AE84


 8BAEA0

 34AE7D

 9CAEA7

 22AE76

 AEAEAE

 11AE6F

 BFAEB5

 00AE68

 D0AEBC

 E2AEC3

 F3AECA

 FFAED1

Harmonies

Analogous

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



87AA7A



68AE92



4EAFAD

Triad

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



68AE92



929ED3



D0927C

Complementary

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



68AE92



AE6884

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.



D58D94



68AE92



B595C6

Square

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



68AE92



6AA7D3



CC8EAE



BE9A6D

Rectangle

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



68AE92



49AEBE



CC8EAE



D38F83

Sweetspot

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



68AE92



C8E3D8



84AE68



63736C



F2F2F2



737373

Same Dimension

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



68AE92



76E3B7



68A8AE



4E5753



00965A



00170E

Inverse Universe

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



AE6884



E376A2



AE6F68



574E51



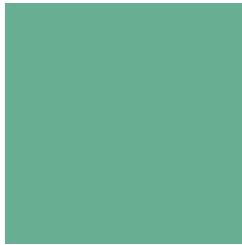
96003C



170009

Previews

White Background



This preview shows how the Hex color 68AE92 looks on a white background.

Color Contrast Check

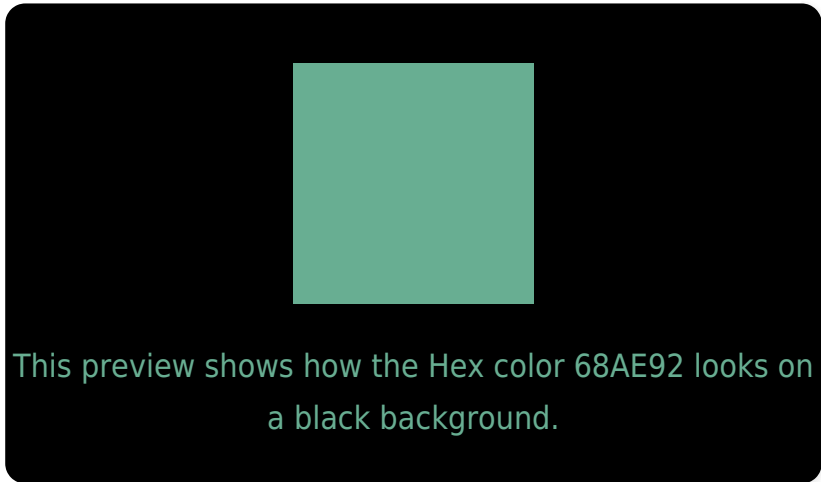
Large Text (above 18pt) WCAG AA × Fail

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

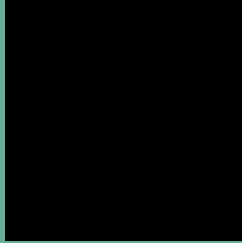
Any Text WCAG AA ✓ Pass

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 68AE92 Background



This preview shows how black text looks on a background with the Hex color 68AE92.

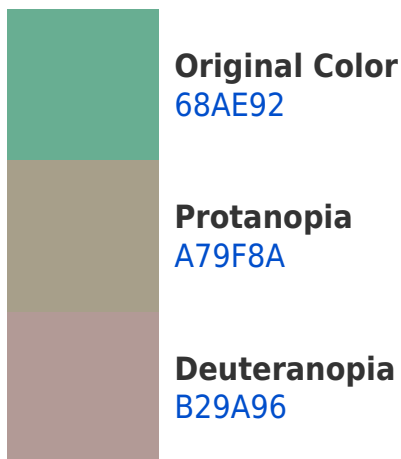


This preview shows how white text looks on a background with the Hex color 68AE92.

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](#).

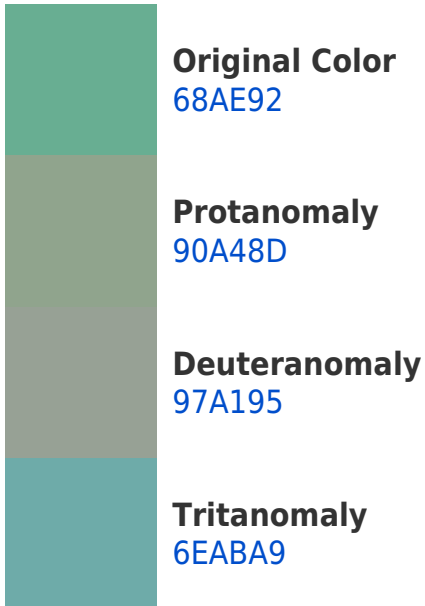
Dichromacy



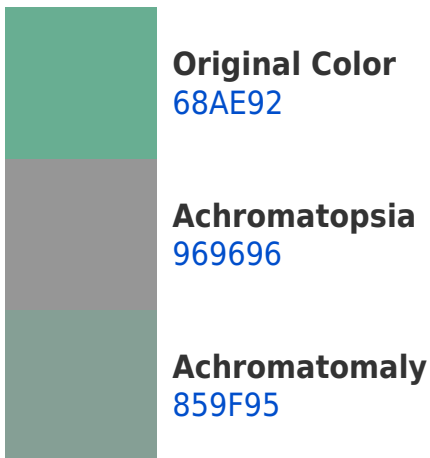


Tritanopia
71A9B6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 68AE92 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 #68AE92 looks like.

```
.text, #text, p{  
    color:#68AE92  
}
```

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 #68AE92 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68AE92
}
```

Border

The CSS property to change the border of an element to Hex 68AE92 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
#68AE92 }
```

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

```
.border{ border-color:#68AE92 }
```

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

Here you see how a box with a 4 pixel #68AE92 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68AE92; -webkit-box-shadow:4px 4px  
4px 4px #68AE92; box-shadow:4px 4px 4px  
4px #68AE92 }
```

Background

The CSS property to change the background color of an element to Hex 68AE92 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68AE92 }
```

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

```
.background{ background-color:#68AE92 }
```

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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