

Converting Colors

Hex(67AE85)

Have a look what the booklet for
Hex(67AE85) contains.

Hex(67AE85)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(67AE85)

Conversions

Conversions Part 1

Format	Color
Hex	67AE85
RGB	103, 174, 133
RGB Percent	40%, 68%, 52%
CMY	0.5961, 0.3176, 0.4784
CMYK	0.41, 0.00, 0.24, 0.32
HSL	145°, 30%, 54%
HSV	145°, 41%, 68%
XYZ	24.9632, 34.8491, 27.6012
YIQ	148.0970, -29.1550, -27.8030

Conversions

Conversions Part 2

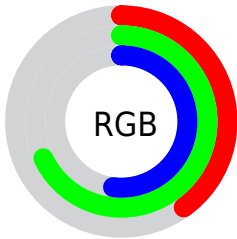
Format	Color
RYB	103, 153, 174
Decimal	6794885
CIELab	65.63, -31.66, 14.17
CIElCh	66, 34.681, 155.890
Yxy	34.8491, 0.2856, 0.3987
Android (android.graphics.Color)	4284984965 (0xFF67AE85)
YUV	148.0970, -7.4428, -39.5501
Hunter-Lab	59.0331, -27.8261, 13.6020

Details

The Hex color **67AE85** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **AE6790**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **9DE6BA**, and **327953** is the 20% darker color. If you saturate the color by 10%, you get **56AE7B**, and if you desaturate by 10%, it is **78AE8F**.

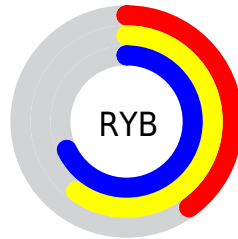
Distribution



Red (40%)

Green (68%)

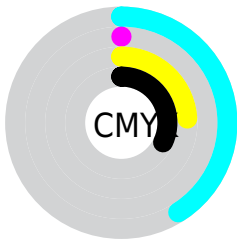
Blue (52%)



Red (40%)

Yellow (60%)

Blue (68%)

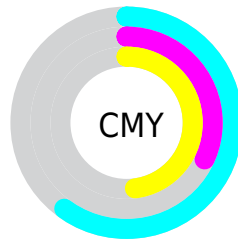


Cyan (41%)

Magenta (0%)

Yellow (24%)

Black (32%)



Cyan (60%)

Magenta (32%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 67AE85 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 67AE85 by changing the saturation by 10% instead.



67AE85



67AE85

FFFFFF



4D936C



9DE6BA



327953



B9FFD6



15603C



D5FFF2



004826



F2FFFF



003011



001C00



000000



67AE85



67AE85



56AE7B



78AE8F

 44AE71

 8AAE99

 33AE67

 9BAEA3

 21AE5D

 ADAEAD

 10AE53

 BEAEB7

 00AE4A

 CFAEC1

 E1AECB

 F2AED5

 FFAEDF

Harmonies

Analogous

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



8DA86C



67AE85



3EB0A5

Triad

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



67AE85



7DA0DD



D98B7C

Complementary

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



67AE85



AE6790

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.



DB879A



67AE85



AB95D2

Square

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



67AE85



48A9D7



CC8BB9



C99567

Rectangle

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



67AE85



26B0B9



CC8BB9



DC8986

Sweetspot

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



67AE85



C8E3D3



90AE67



637369



F2F2F2



737373

Same Dimension

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



67AE85



74E3A3



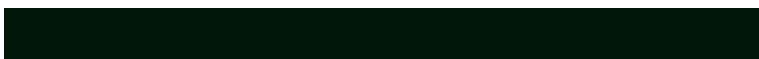
67AEA8



4E5752



009640



00170A

Inverse Universe

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



AE6790



E374B4



AE676D



574E53



960057



17000D

Previews

White Background



This preview shows how the Hex color 67AE85 looks on a white background.

Color Contrast Check

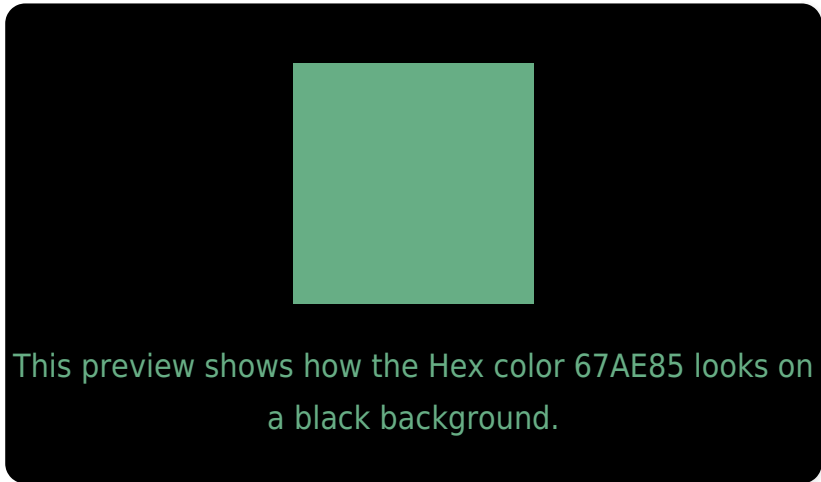
Large Text (above 18pt) WCAG AA × Fail

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

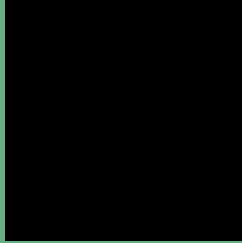
Any Text WCAG AA ✓ Pass

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 67AE85 Background



This preview shows how black text looks on a background with the Hex color 67AE85.



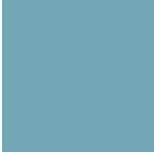
This preview shows how white text looks on a background with the Hex color 67AE85.

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](#).

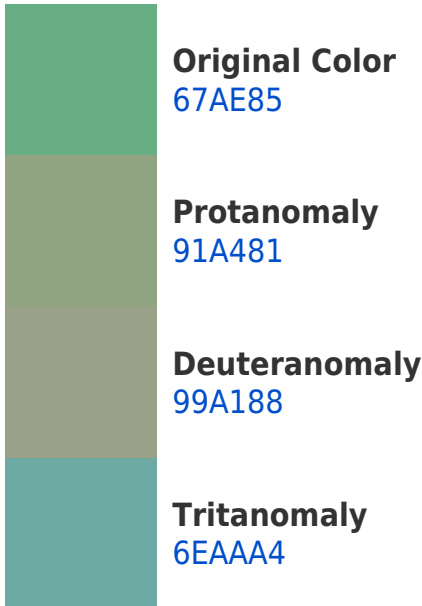
Dichromacy



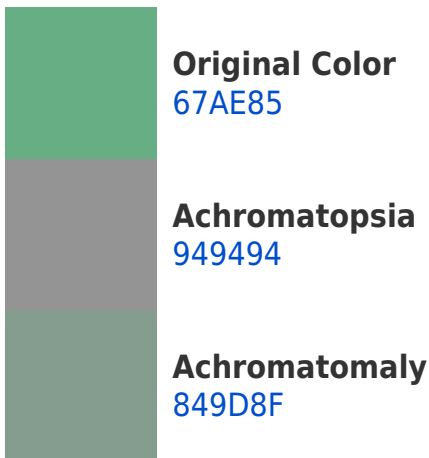


Tritanopia
72A8B5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 67AE85 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 #67AE85 looks like.

```
.text, #text, p{  
    color:#67AE85  
}
```

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 #67AE85 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67AE85
}
```

Border

The CSS property to change the border of an element to Hex 67AE85 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
#67AE85 }
```

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

```
.border{ border-color:#67AE85 }
```

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

Here you see how a box with a 4 pixel #67AE85 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67AE85; -webkit-box-shadow:4px 4px  
4px 4px #67AE85; box-shadow:4px 4px 4px  
4px #67AE85 }
```

Background

The CSS property to change the background color of an element to Hex 67AE85 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67AE85 }
```

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

```
.background{ background-color:#67AE85 }
```

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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