

Converting Colors

Hex(65AB85)

Have a look what the booklet for
Hex(65AB85) contains.

Hex(65AB85)	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(65AB85)

Conversions

Conversions Part 1

Format	Color
Hex	65AB85
RGB	101, 171, 133
RGB Percent	40%, 67%, 52%
CMY	0.6039, 0.3294, 0.4784
CMYK	0.41, 0.00, 0.22, 0.33
HSL	147°, 29%, 53%
HSV	147°, 41%, 67%
XYZ	24.1634, 33.5860, 27.3995
YIQ	145.7380, -29.5220, -26.6580

Conversions

Conversions Part 2

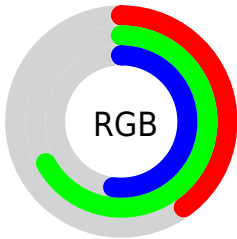
Format	Color
RYB	101, 149, 171
Decimal	6663045
CIELab	64.63, -30.81, 12.75
CIElCh	65, 33.345, 157.511
Yxy	33.5860, 0.2838, 0.3944
Android (android.graphics.Color)	4284853125 (0xFF65AB85)
YUV	145.7380, -6.2798, -39.2352
Hunter-Lab	57.9534, -26.9938, 12.5360

Details

The Hex color **65AB85** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **AB658B**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **9BE3BA**, and **307653** is the 20% darker color. If you saturate the color by 10%, you get **54AB7C**, and if you desaturate by 10%, it is **76AB8E**.

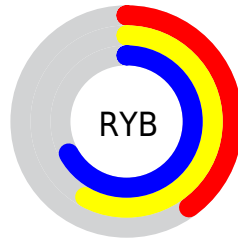
Distribution



Red (40%)

Green (67%)

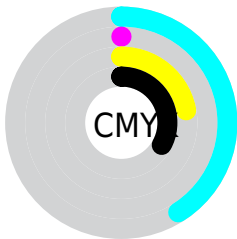
Blue (52%)



Red (40%)

Yellow (58%)

Blue (67%)

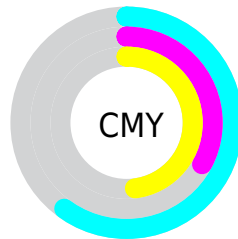


Cyan (41%)

Magenta (0%)

Yellow (22%)

Black (33%)



Cyan (60%)

Magenta (33%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 65AB85 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 65AB85 by changing the saturation by 10% instead.

 65AB85

 65AB85

FFFFFF

 4B906C

 9BE3BA

 307653

 B6FFD6

 135D3C

 D3FFF2

 004526

 F0FFFF

 002E12

 001900

 000000

 65AB85

 65AB85

 54AB7C

 76AB8E

 43AB72

 87AB98

 32AB69

 98ABA1

 21AB60

 A9ABAA

 10AB57

 BAABB3

 00AB4E

 CCABBD

 DDABC6

 EEABCF

 FFABD9

Harmonies

Analogous

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



89A66D



65AB85



3FADA3

Triad

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



65AB85



7F9DD7



D48A7A

Complementary

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



65AB85



AB658B

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.



D78696



65AB85



AA92CC

Square

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



65AB85



4EA6D3



C989B4



C49366

Rectangle

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



65AB85



2DACB7



C989B4



D78883

Sweetspot

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



65AB85



C3DECF



8BAB65



607068



F0F0F0



707070

Same Dimension

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



65AB85



71DEA3



65ABA7



4E5752



009645



00170A

Inverse Universe

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



AB658B



DE71AC



AB6568



574E53



960052



17000C

Previews

White Background



This preview shows how the Hex color 65AB85 looks on a white background.

Color Contrast Check

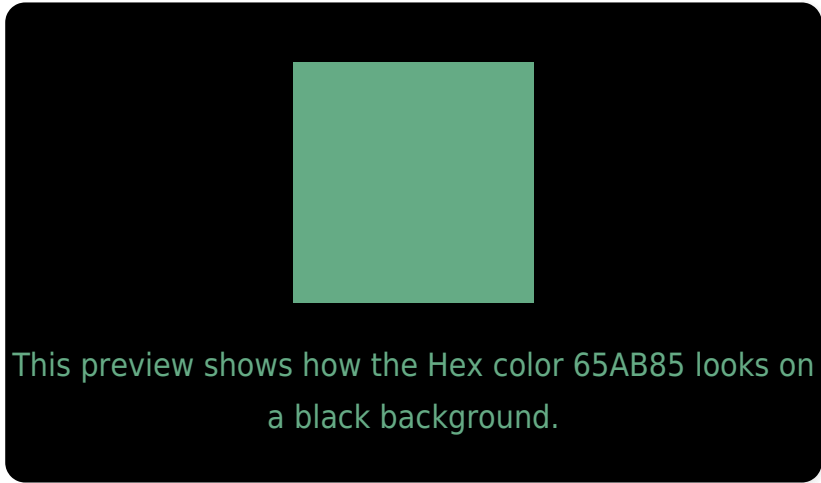
Large Text (above 18pt) WCAG AA × Fail

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

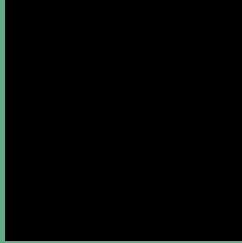
Any Text WCAG AA ✓ Pass

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 65AB85 Background



This preview shows how black text looks on a background with the Hex color 65AB85.

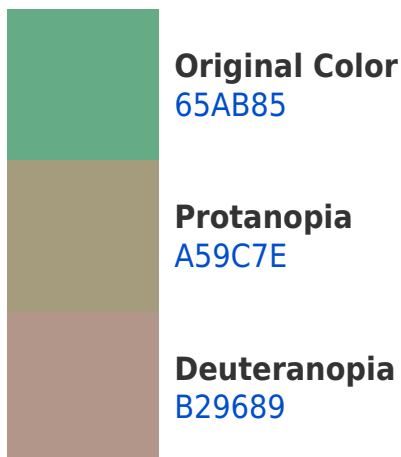


This preview shows how white text looks on a background with the Hex color 65AB85.

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](#).

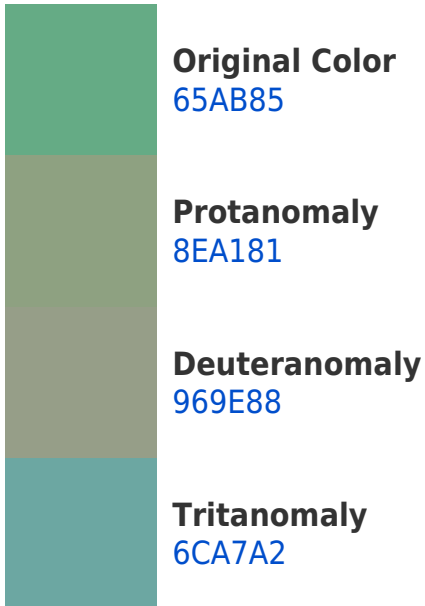
Dichromacy



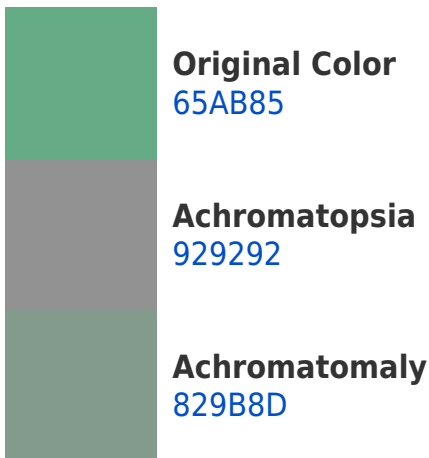


Tritanopia
70A5B2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 65AB85 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 #65AB85 looks like.

```
.text, #text, p{  
    color:#65AB85  
}
```

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 #65AB85 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65AB85
}
```

Border

The CSS property to change the border of an element to Hex 65AB85 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
#65AB85 }
```

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

```
.border{ border-color:#65AB85 }
```

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

Here you see how a box with a 4 pixel #65AB85 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65AB85; -webkit-box-shadow:4px 4px  
4px 4px #65AB85; box-shadow:4px 4px 4px  
4px #65AB85 }
```

Background

The CSS property to change the background color of an element to Hex 65AB85 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65AB85 }
```

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

```
.background{ background-color:#65AB85 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor