

Converting Colors

Hex(65B881)

Have a look what the booklet for
Hex(65B881) contains.

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Color

Hex(65B881)

Conversions

Conversions Part 1

Format	Color
Hex	65B881
RGB	101, 184, 129
RGB Percent	40%, 72%, 51%
CMY	0.6039, 0.2784, 0.4941
CMYK	0.45, 0.00, 0.30, 0.28
HSL	140°, 37%, 56%
HSV	140°, 45%, 72%
XYZ	26.4698, 38.6327, 26.8306
YIQ	152.9130, -31.8130, -34.7010

Conversions

Conversions Part 2

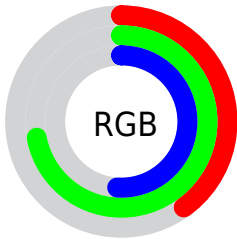
Format	Color
RYB	101, 163, 184
Decimal	6666369
CIELab	68.48, -37.64, 20.28
CIElCh	68, 42.752, 151.689
Yxy	38.6327, 0.2879, 0.4202
Android (android.graphics.Color)	4284856449 (0xFF65B881)
YUV	152.9130, -11.7891, -45.5277
Hunter-Lab	62.1552, -32.7545, 17.9148

Details

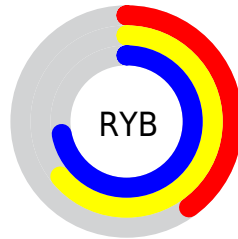
The Hex color **65B881** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **B8659C**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **9CF1B6**, and **2E824F** is the 20% darker color. If you saturate the color by 10%, you get **53B875**, and if you desaturate by 10%, it is **77B88D**.

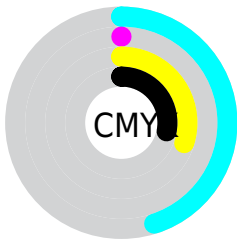
Distribution



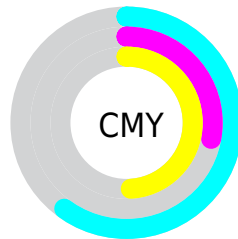
- Red (40%)
- Green (72%)
- Blue (51%)



- Red (40%)
- Yellow (64%)
- Blue (72%)



- Cyan (45%)
- Magenta (0%)
- Yellow (30%)
- Black (28%)



- Cyan (60%)
- Magenta (28%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 65B881 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 65B881 by changing the saturation by 10% instead.

 65B881

 65B881

FFFFFF

 4A9D68

 9CF1B6

 2E824F

 B8FFD2

 086938

 D5FFEE

 005022

 F2FFFF

 00380C

 002400

 000000

 65B881

 65B881

 53B875

 77B88D

 40B869

 8AB899

 2EB85C

 9CB8A6

 1BB850

 AFB8B2

 09B844

 C1B8BE

 00B83E

 D3B8CA

 E6B8D6

 F8B8E3

 FFB8EF

Harmonies

Analogous

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



95B163



65B881



18BBA8

Triad

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



65B881



6EAAF4



EF8C80

Complementary

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



65B881



B8659C

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.



EF88A6



65B881



AE9CE9

Square

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



65B881



00B5EA



D98FCC



DD9864

Rectangle

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



65B881



00BBC2



D98FCC



F1898C

Sweetspot

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



65B881



CEF0D9



9CB865



63786A



F7F7F7



787878

Same Dimension

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



65B881



6EF09A



65B8AA



535C56



009C34



001C09

Inverse Universe

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



B8659C



F06EC4



B86573



5C5359



9C0067



1C0013

Previews

White Background



This preview shows how the Hex color 65B881 looks on a white background.

Color Contrast Check

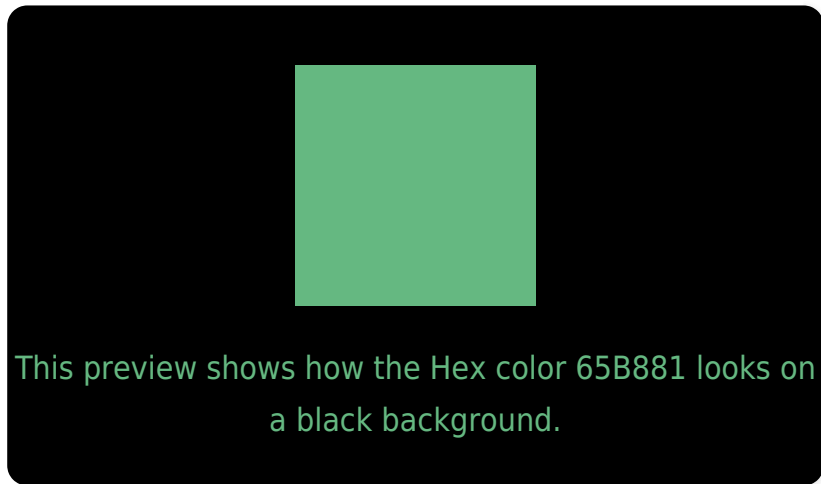
Large Text (above 18pt) WCAG AA × Fail

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

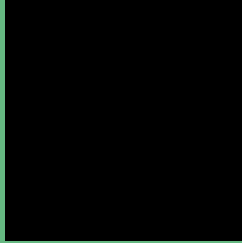
Any Text WCAG AA ✓ Pass

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 65B881 Background



This preview shows how black text looks on a background with the Hex color 65B881.

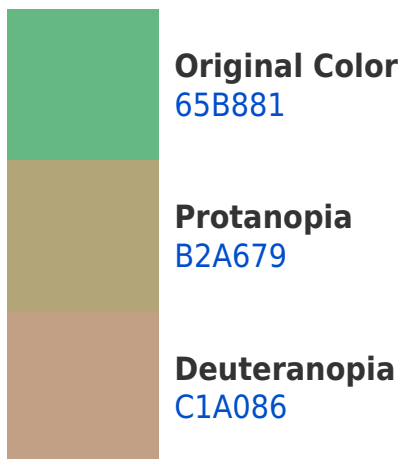


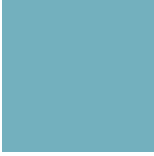
This preview shows how white text looks on a background with the Hex color 65B881.

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](#).

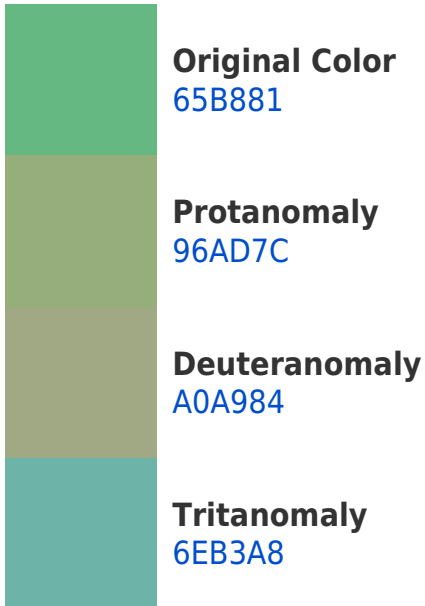
Dichromacy





Tritanopia
73B0BE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 65B881 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 #65B881 looks like.

```
.text, #text, p{  
    color:#65B881  
}
```

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 #65B881 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65B881
}
```

Border

The CSS property to change the border of an element to Hex 65B881 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
#65B881 }
```

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

```
.border{ border-color:#65B881 }
```

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

Here you see how a box with a 4 pixel #65B881 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65B881; -webkit-box-shadow:4px 4px  
4px 4px #65B881; box-shadow:4px 4px 4px  
4px #65B881 }
```

Background

The CSS property to change the background color of an element to Hex 65B881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65B881 }
```

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

```
.background{ background-color:#65B881 }
```

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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