

Converting Colors

Hex(65B187)

Have a look what the booklet for
Hex(65B187) contains.

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Color

Hex(65B187)

Conversions

Conversions Part 1

Format	Color
Hex	65B187
RGB	101, 177, 135
RGB Percent	40%, 69%, 53%
CMY	0.6039, 0.3059, 0.4706
CMYK	0.43, 0.00, 0.24, 0.31
HSL	147°, 33%, 55%
HSV	147°, 43%, 69%
XYZ	25.4621, 35.9603, 28.5207
YIQ	149.4880, -31.8140, -29.1740

Conversions

Conversions Part 2

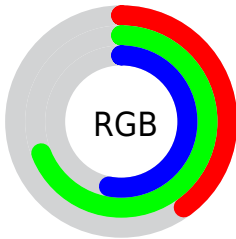
Format	Color
RYB	101, 154, 177
Decimal	6664583
CIELab	66.49, -33.24, 14.26
CIElCh	66, 36.166, 156.784
Yxy	35.9603, 0.2831, 0.3998
Android (android.graphics.Color)	4284854663 (0xFF65B187)
YUV	149.4880, -7.1426, -42.5240
Hunter-Lab	59.9669, -29.1503, 13.7780

Details

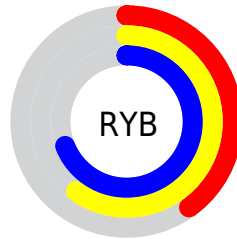
The Hex color **65B187** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **B1658F**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **9BE9BC**, and **2F7C55** is the 20% darker color. If you saturate the color by 10%, you get **53B17D**, and if you desaturate by 10%, it is **77B191**.

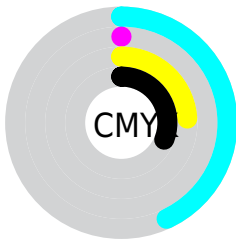
Distribution



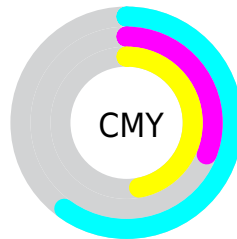
- Red (40%)
- Green (69%)
- Blue (53%)



- Red (40%)
- Yellow (60%)
- Blue (69%)



- Cyan (43%)
- Magenta (0%)
- Yellow (24%)
- Black (31%)



- Cyan (60%)
- Magenta (31%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 65B187 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 65B187 by changing the saturation by 10% instead.



65B187



65B187

FFFFFF



4A966E



9BE9BC



2F7C55



B7FFD8



0F623E



D4FFF5



004A28



F1FFFF



003313



001F00



000000



65B187



65B187




53B17D



77B191

 42B173

 88B19B

 30B16A

 9AB1A4

 1EB160

 ACB1AE

 0CB156

 BDB1B8

 00B14F

 CFB1C2

 E1B1CB

 F3B1D5

 FFB1DF

Harmonies

Analogous

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



8DAB6C



65B187



37B3A8

Triad

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



65B187



7FA2E2



DE8D7C

Complementary

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



65B187



B1658F

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.



E0889B



65B187



AF97D6

Square

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



65B187



45ACDD



D18CBC



CC9767

Rectangle

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



65B187



18B3BE



D18CBC



E18A86

Sweetspot

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



65B187



C8E6D5



90B165



607369



F2F2F2



737373

Same Dimension

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



65B187



6EE6A4



65B1AC



505954



009944



001A0B

Inverse Universe

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



B1658F



E66EB0



B1656A



595055



990055



1A000E

Previews

White Background



This preview shows how the Hex color 65B187 looks on a white background.

Color Contrast Check

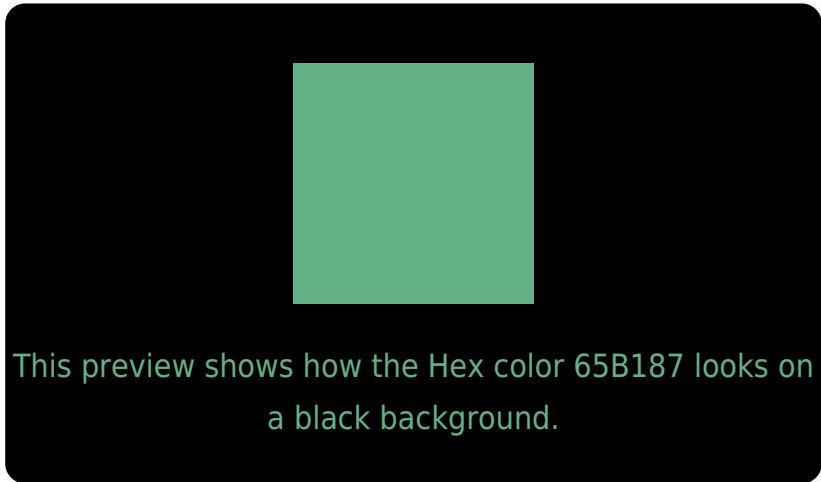
Large Text (above 18pt) WCAG AA × Fail

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

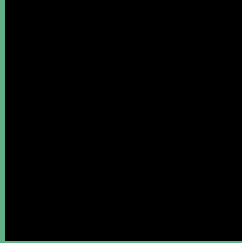
Any Text WCAG AA ✓ Pass

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 65B187 Background



This preview shows how black text looks on a background with the Hex color 65B187.

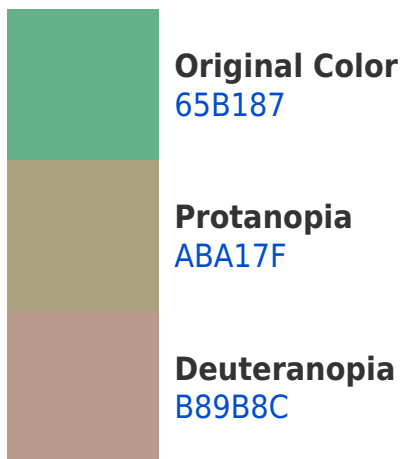


This preview shows how white text looks on a background with the Hex color 65B187.

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](#).

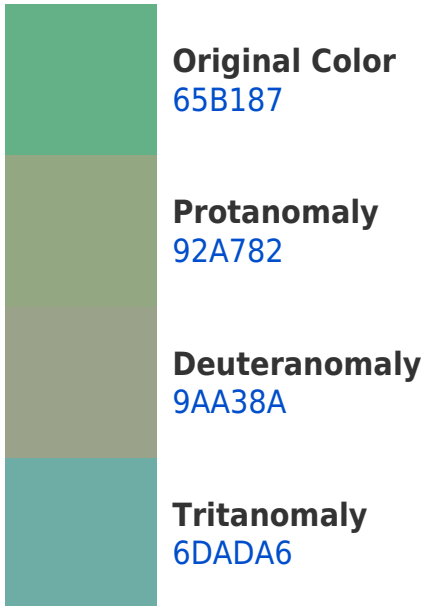
Dichromacy



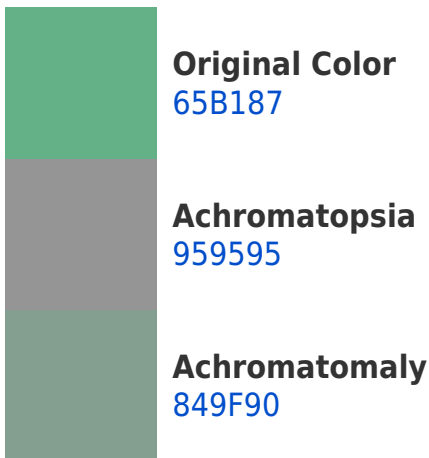


Tritanopia
71AAB8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 65B187 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 #65B187 looks like.

```
.text, #text, p{  
    color:#65B187  
}
```

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 #65B187 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65B187
}
```

Border

The CSS property to change the border of an element to Hex 65B187 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
#65B187 }
```

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

```
.border{ border-color:#65B187 }
```

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

Here you see how a box with a 4 pixel #65B187 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65B187; -webkit-box-shadow:4px 4px  
4px 4px #65B187; box-shadow:4px 4px 4px  
4px #65B187 }
```

Background

The CSS property to change the background color of an element to Hex 65B187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65B187 }
```

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

```
.background{ background-color:#65B187 }
```

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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