

Converting Colors

Hex(65B0A1)

Have a look what the booklet for
Hex(65B0A1) contains.

| | |
|--|----|
| Hex(65B0A1) | 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(65B0A1)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 65B0A1 |
| RGB | 101, 176, 161 |
| RGB Percent | 40%, 69%, 63% |
| CMY | 0.6039, 0.3098, 0.3686 |
| CMYK | 0.43, 0.00, 0.09, 0.31 |
| HSL | 168°, 32%, 54% |
| HSV | 168°, 43%, 69% |
| XYZ | 27.3252, 36.3906, 39.3021 |
| YIQ | 151.8650, -39.8850, -20.5650 |

Conversions

Conversions Part 2

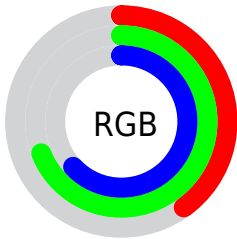
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 101, 143, 176 |
| Decimal | 6664353 |
| CIELab | 66.82, -26.97, 0.39 |
| CIELCh | 67, 26.976, 179.179 |
| Yxy | 36.3906, 0.2652, 0.3532 |
| Android (android.graphics.Color) | 4284854433 (0xFF65B0A1) |
| YUV | 151.8650, 4.5036, -44.6086 |
| Hunter-Lab | 60.3246, -24.7131, 3.5992 |

Details

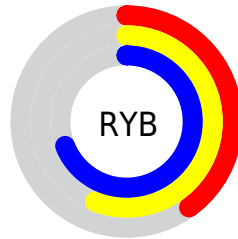
The Hex color **65B0A1** is a light color, and the websafe version is hex **339999**. A complement of this color would be **B06574**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **9CE8D8**, and **2E7B6E** is the 20% darker color. If you saturate the color by 10%, you get **53B09D**, and if you desaturate by 10%, it is **77B0A5**.

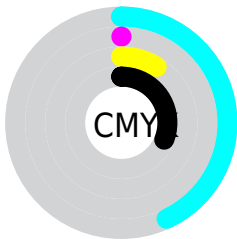
Distribution



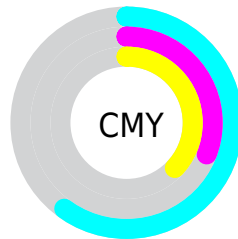
- Red (40%)
- Green (69%)
- Blue (63%)



- Red (40%)
- Yellow (56%)
- Blue (69%)



- Cyan (43%)
- Magenta (0%)
- Yellow (9%)
- Black (31%)



- Cyan (60%)
- Magenta (31%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 65B0A1 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 65B0A1 by changing the saturation by 10% instead.



65B0A1



65B0A1

FFFFFF



4A9587



9CE8D8



2E7B6E



B8FFF4



0B6255



D4FFFF



004A3E



F1FFFF



003228



001F14



000000



65B0A1



65B0A1



53B09D



77B0A5

 42B09A

 88B0A8

 30B096

 9AB0AC

 1FB093

 ABB0AF

 0DB08F

 BDB0B3

 00B08D

 CFB0B6

 E0B0BA

 F2B0BD

 FFB0C1

Harmonies

Analogous

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



7FAE89



65B0A1



58AFB9

Triad

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



65B0A1



A59DCD



C8997A

Complementary

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



65B0A1



B06574

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.



D3928C



65B0A1



C195BC

Square

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



65B0A1



83A5D3



D191A4



B5A172

Rectangle

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



65B0A1



5DADC6



D191A4



CD967F

Sweetspot

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



65B0A1



C8E6E0



74B065



60736F



F2F2F2



737373

Same Dimension

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



65B0A1



70E6CE



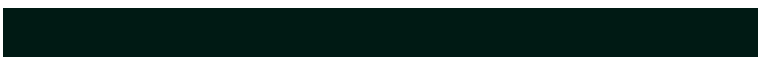
659AB0



505957



00997A



001A14

Inverse Universe

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



B06574



E67088



B07B65



595052



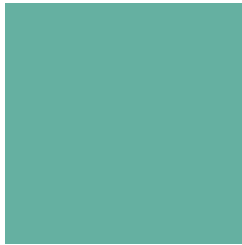
99001F



1A0005

Previews

White Background



This preview shows how the Hex color 65B0A1 looks on a white background.

Color Contrast Check

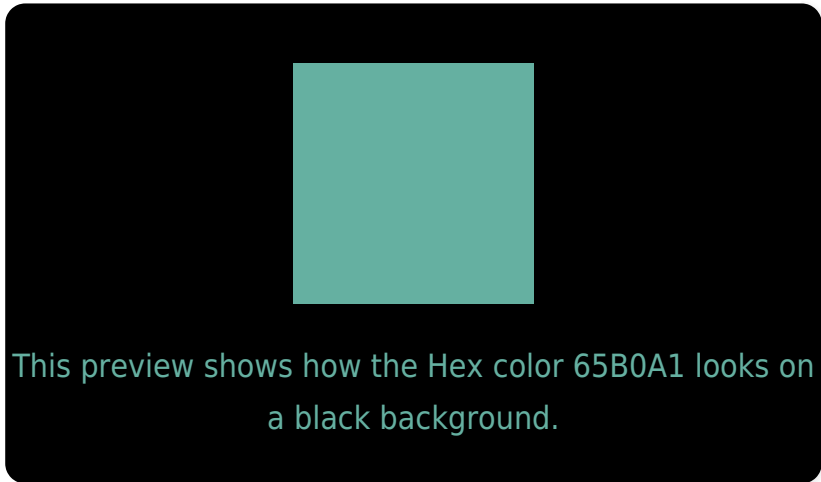
Large Text (above 18pt) WCAG AA × Fail

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

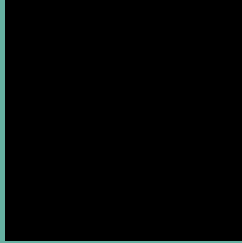
Any Text WCAG AA ✓ Pass

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 65B0A1 Background



This preview shows how black text looks on a background with the Hex color 65B0A1.

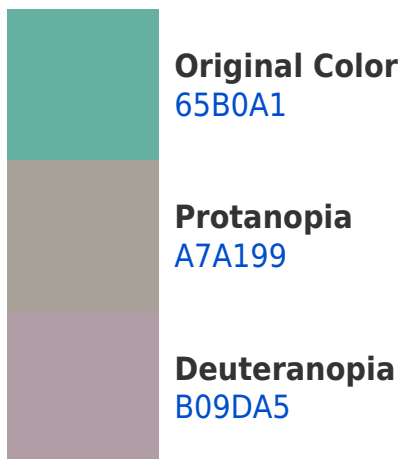


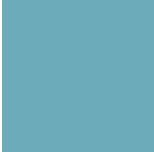
This preview shows how white text looks on a background with the Hex color 65B0A1.

Color Blindness Simulation

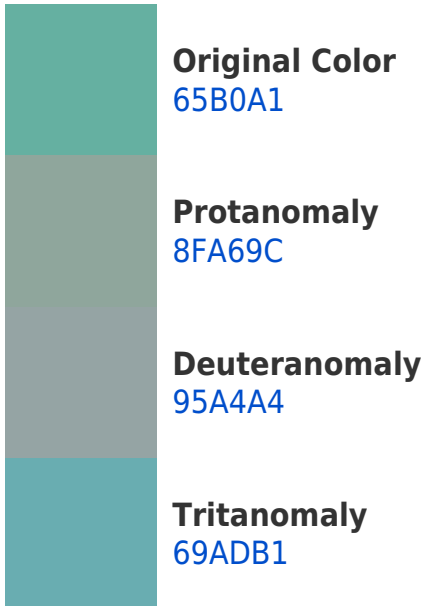
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

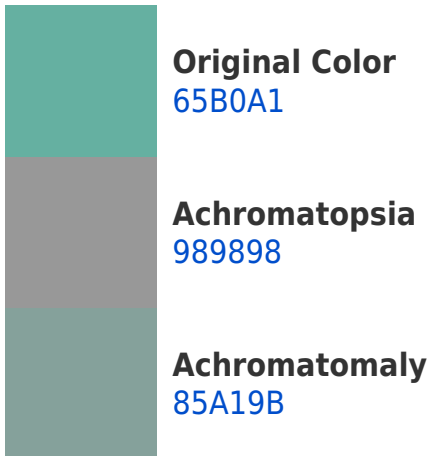




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 65B0A1 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 #65B0A1 looks like.

```
.text, #text, p{  
    color:#65B0A1  
}
```

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 #65B0A1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65B0A1
}
```

Border

The CSS property to change the border of an element to Hex 65B0A1 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
#65B0A1 }
```

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

```
.border{ border-color:#65B0A1 }
```

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

Here you see how a box with a 4 pixel #65B0A1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65B0A1; -webkit-box-shadow:4px 4px  
4px 4px #65B0A1; box-shadow:4px 4px 4px  
4px #65B0A1 }
```

Background

The CSS property to change the background color of an element to Hex 65B0A1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65B0A1 }
```

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

```
.background{ background-color:#65B0A1 }
```

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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