

Converting Colors

Hex(65B0A6)

Have a look what the booklet for
Hex(65B0A6) contains.

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Color

Hex(65B0A6)

Conversions

Conversions Part 1

Format	Color
Hex	65B0A6
RGB	101, 176, 166
RGB Percent	40%, 69%, 65%
CMY	0.6039, 0.3098, 0.3490
CMYK	0.43, 0.00, 0.06, 0.31
HSL	172°, 32%, 54%
HSV	172°, 43%, 69%
XYZ	27.7751, 36.5705, 41.6713
YIQ	152.4350, -41.4900, -19.0100

Conversions

Conversions Part 2

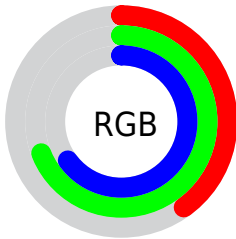
Format	Color
RYB	101, 141, 176
Decimal	6664358
CIELab	66.95, -25.76, -2.18
CIElCh	67, 25.851, 184.846
Yxy	36.5705, 0.2620, 0.3449
Android (android.graphics.Color)	4284854438 (0xFF65B0A6)
YUV	152.4350, 6.6875, -45.1085
Hunter-Lab	60.4736, -23.8450, 1.4758

Details

The Hex color **65B0A6** is a light color, and the websafe version is hex **339999**. A complement of this color would be **B0656F**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **9CE8DD**, and **2E7B72** is the 20% darker color. If you saturate the color by 10%, you get **53B0A4**, and if you desaturate by 10%, it is **77B0A8**.

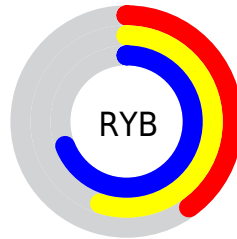
Distribution



Red (40%)

Green (69%)

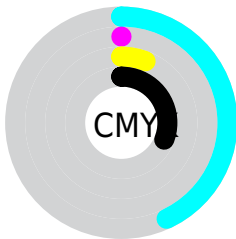
Blue (65%)



Red (40%)

Yellow (55%)

Blue (69%)

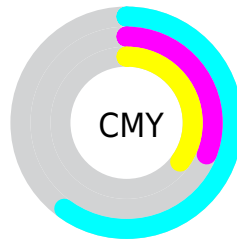


Cyan (43%)

Magenta (0%)

Yellow (6%)

Black (31%)



Cyan (60%)

Magenta (31%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 65B0A6 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 65B0A6 by changing the saturation by 10% instead.



65B0A6



65B0A6

FFFFFF



4A958C



9CE8DD



2E7B72



B8FFFA



0A625A



D4FFFF



004A42



F2FFFF



00332C



001F18



000000



65B0A6



65B0A6



53B0A4



77B0A8

 42B0A1

 88B0AB

 30B09F

 9AB0AD

 1FB09D

 ABB0AF

 0DB09A

 BDB0B2

 00B099

 CFB0B4

 E0B0B6

 F2B0B9

 FFB0BB

Harmonies

Analogous

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



7CAE8E



65B0A6



5DAFBD

Triad

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



65B0A6



AB9CC9



C49B79

Complementary

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



65B0A6



B0656F

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.



D09489



65B0A6



C495B7

Square

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



65B0A6



8BA4D1



D192A0



B0A375

Rectangle

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



65B0A6



65ACC8



D192A0



CA987E

Sweetspot

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



65B0A6



C8E6E2



6FB065



607370



F2F2F2



737373

Same Dimension

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



65B0A6



70E6D6



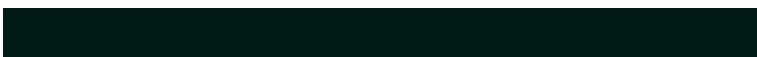
6595B0



505958



009985



001A16

Inverse Universe

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



B0656F



E67080



B08165



595052



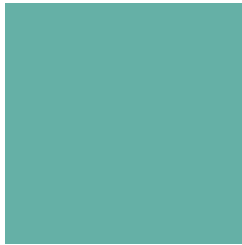
990014



1A0003

Previews

White Background



This preview shows how the Hex color 65B0A6 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



This preview shows how the Hex color 65B0A6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

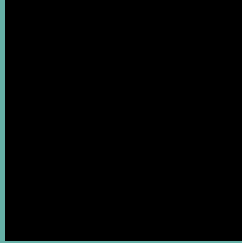
Any Text WCAG AA ✓ Pass

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 65B0A6 Background



This preview shows how black text looks on a background with the Hex color 65B0A6.

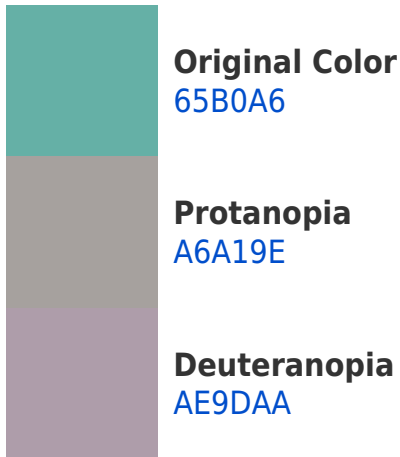


This preview shows how white text looks on a background with the Hex color 65B0A6.

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](#).

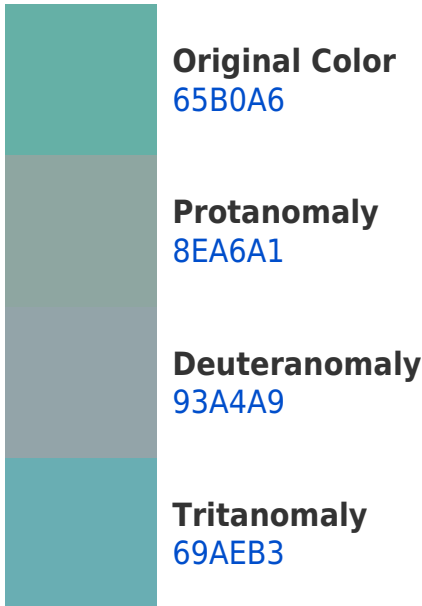
Dichromacy



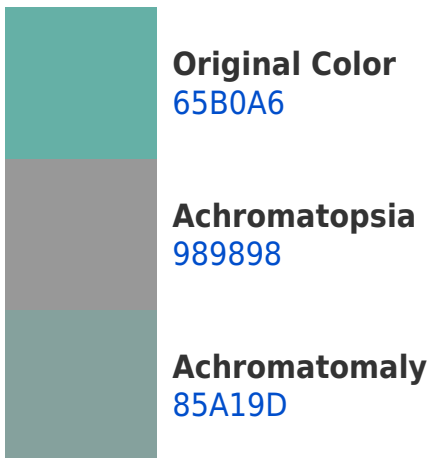


Tritanopia
6BADBB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 65B0A6 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 #65B0A6 looks like.

```
.text, #text, p{  
    color:#65B0A6  
}
```

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 #65B0A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65B0A6
}
```

Border

The CSS property to change the border of an element to Hex 65B0A6 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
#65B0A6 }
```

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

```
.border{ border-color:#65B0A6 }
```

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

Here you see how a box with a 4 pixel #65B0A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65B0A6; -webkit-box-shadow:4px 4px  
4px 4px #65B0A6; box-shadow:4px 4px 4px  
4px #65B0A6 }
```

Background

The CSS property to change the background color of an element to Hex 65B0A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65B0A6 }
```

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

```
.background{ background-color:#65B0A6 }
```

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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