

Converting Colors

Hex(66B3AE)

Have a look what the booklet for
Hex(66B3AE) contains.

Hex(66B3AE)	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(66B3AE)

Conversions

Conversions Part 1

Format	Color
Hex	66B3AE
RGB	102, 179, 174
RGB Percent	40%, 70%, 68%
CMY	0.6000, 0.2980, 0.3176
CMYK	0.43, 0.00, 0.03, 0.30
HSL	176°, 34%, 55%
HSV	176°, 43%, 70%
XYZ	29.2396, 38.1210, 45.8614
YIQ	155.4070, -44.2870, -17.8790

Conversions

Conversions Part 2

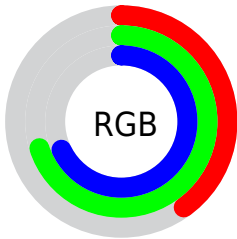
Format	Color
RYB	102, 142, 179
Decimal	6730670
CIELab	68.11, -25.01, -4.90
CIELCh	68, 25.486, 191.092
Yxy	38.1210, 0.2583, 0.3367
Android (android.graphics.Color)	4284920750 (0xFF66B3AE)
YUV	155.4070, 9.1663, -46.8379
Hunter-Lab	61.7422, -23.5156, -0.8204

Details

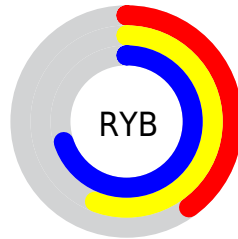
The Hex color **66B3AE** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **B3666B**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **9DEBE5**, and **2E7E7A** is the 20% darker color. If you saturate the color by 10%, you get **54B3AD**, and if you desaturate by 10%, it is **78B3AF**.

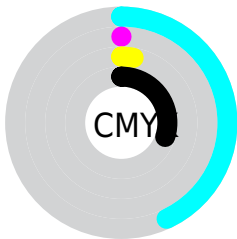
Distribution



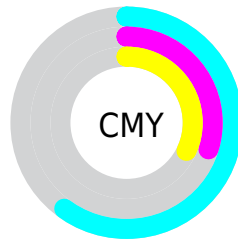
- Red (40%)
- Green (70%)
- Blue (68%)



- Red (40%)
- Yellow (56%)
- Blue (70%)



- Cyan (43%)
- Magenta (0%)
- Yellow (3%)
- Black (30%)



- Cyan (60%)
- Magenta (30%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 66B3AE 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 66B3AE by changing the saturation by 10% instead.



66B3AE



66B3AE

FFFFFF



4B9893



9DEBE5



2E7E7A



B9FFFF



076561



D6FFFF



004C49



F3FFFF



003533



00211E



000004



000000



66B3AE



66B3AE

■ 54B3AD

■ 78B3AF

■ 42B3AC

■ 8AB3B0

■ 30B3AB

■ 9CB3B1

■ 1EB3A9

■ AEB3B3

■ 0DB3A8

■ C0B3B4

■ 00B3A7

■ D1B3B5

■ E3B3B6

■ F5B3B7

■ FFB3B8

Harmonies

Analogous

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



7AB296



66B3AE



63B1C3

Triad

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



66B3AE



B49DC9



C4A07B

Complementary

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



66B3AE



B3666B

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.



D29989



66B3AE



CB97B5

Square

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



66B3AE



96A5D3



D4959E



AEA779

Rectangle

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



66B3AE



6EAECE



D4959E



C99D7E

Sweetspot

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



66B3AE



CAE8E6



6BB366



637574



F5F5F5



757575

Same Dimension

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



66B3AE



6FE8E0



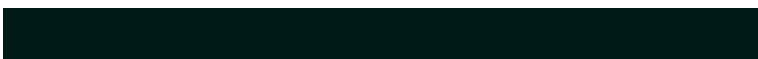
6692B3



505959



00998F



001A18

Inverse Universe

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



B3666B



E86F77



B38766



595051



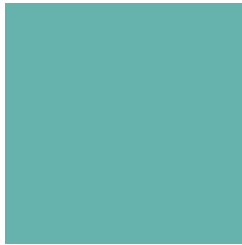
99000A



1A0002

Previews

White Background



This preview shows how the Hex color 66B3AE looks on a white background.

Color Contrast Check

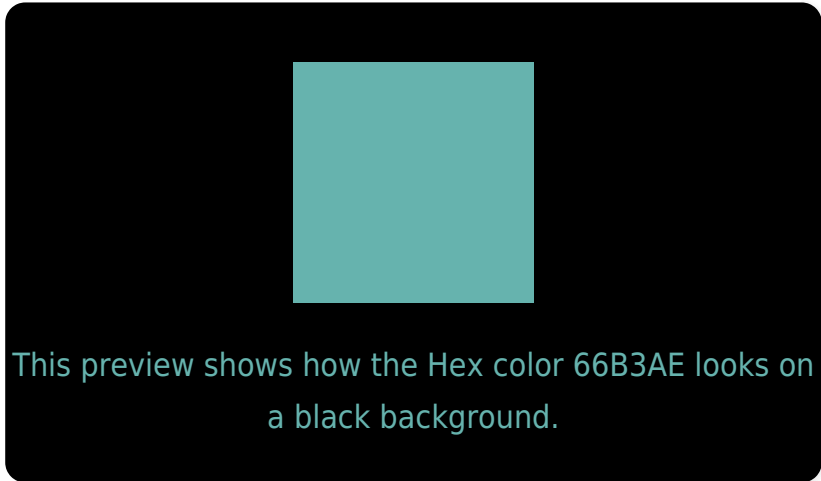
Large Text (above 18pt) WCAG AA × Fail

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

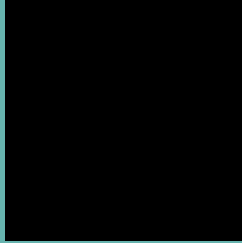
Any Text WCAG AA ✓ Pass

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 66B3AE Background



This preview shows how black text looks on a background with the Hex color 66B3AE.

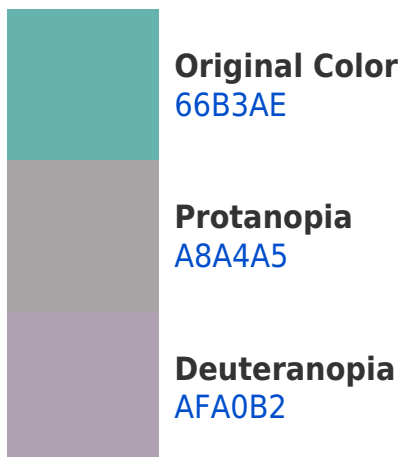


This preview shows how white text looks on a background with the Hex color 66B3AE.

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](#).

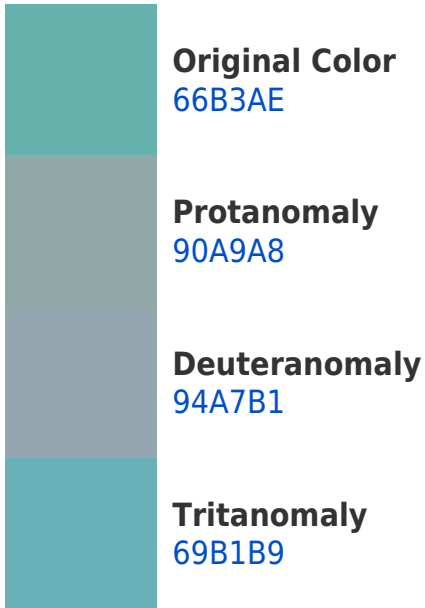
Dichromacy





Tritanopia
6BB0BF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 66B3AE 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 #66B3AE looks like.

```
.text, #text, p{  
    color:#66B3AE  
}
```

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 #66B3AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66B3AE
}
```

Border

The CSS property to change the border of an element to Hex 66B3AE 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
#66B3AE }
```

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

```
.border{ border-color:#66B3AE }
```

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

Here you see how a box with a 4 pixel #66B3AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66B3AE; -webkit-box-shadow:4px 4px  
4px 4px #66B3AE; box-shadow:4px 4px 4px  
4px #66B3AE }
```

Background

The CSS property to change the background color of an element to Hex 66B3AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66B3AE }
```

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

```
.background{ background-color:#66B3AE }
```

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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