

Converting Colors

Hex(60BBAA)

Have a look what the booklet for
Hex(60BBAA) contains.

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Color

Hex(60BBAA)

Conversions

Conversions Part 1

Format	Color
Hex	60BBAA
RGB	96, 187, 170
RGB Percent	38%, 73%, 67%
CMY	0.6235, 0.2667, 0.3333
CMYK	0.49, 0.00, 0.09, 0.27
HSL	169°, 40%, 55%
HSV	169°, 49%, 73%
XYZ	29.8499, 40.9297, 44.3572
YIQ	157.8530, -48.7790, -24.5790

Conversions

Conversions Part 2

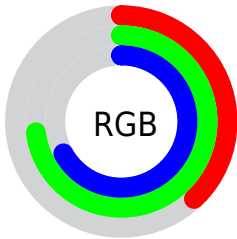
Format	Color
RYB	96, 146, 187
Decimal	6339498
CIELab	70.13, -31.37, 0.23
CIElCh	70, 31.373, 179.577
Yxy	40.9297, 0.2593, 0.3555
Android (android.graphics.Color)	4284529578 (0xFF60BBAA)
YUV	157.8530, 5.9885, -54.2451
Hunter-Lab	63.9763, -28.6746, 3.6755

Details

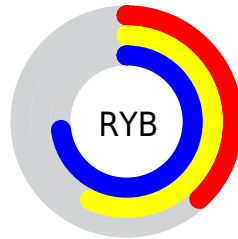
The Hex color **60BBAA** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **BB6071**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **98F4E1**, and **248576** is the 20% darker color. If you saturate the color by 10%, you get **4DBBA7**, and if you desaturate by 10%, it is **73BBAD**.

Distribution



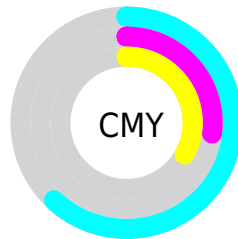
- Red (38%)
- Green (73%)
- Blue (67%)



- Red (38%)
- Yellow (57%)
- Blue (73%)



- Cyan (49%)
- Magenta (0%)
- Yellow (9%)
- Black (27%)



- Cyan (62%)
- Magenta (27%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 60BBAA 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 60BBAA by changing the saturation by 10% instead.

 60BBAA

 60BBAA

FFFFFF

 43A090

 98F4E1

 248576

 B5FFFE

 006C5D

 D2FFFF

 005346

 EFFFFFF

 003B30

 00261B

 000100

 000000

 60BBAA

 60BBAA

 4DBBA7

 73BBAD

 3BBBA3

 85BBB1

 28BBA0

 98BBB4

 15BB9C

 ABBBB8

 03BB99

 BEBBBB

 00BB98

 D0BBBF

 E3BBC2

 F6BBC6

 FFBBC9

Harmonies

Analogous

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



80B88E



60BBAA



4DBAC7

Triad

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



60BBAA



AFA4DD



D7A07B

Complementary

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



60BBAA



BB6071

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.



E39891



60BBAA



CF9BC9

Square

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



60BBAA



85AEE4



E196AD



C0A972

Rectangle

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



60BBAA



54B8D6



E196AD



DC9D81

Sweetspot

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



60BBAA



CEF2EB



72BB60



647A76



FAFAFA



7A7A7A

Same Dimension

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



60BBAA



66F2D8



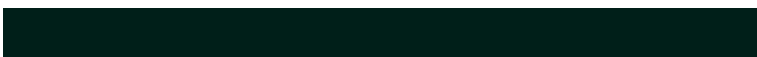
60A0BB



555E5D



009E81



001F19

Inverse Universe

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



BB6071



F26680



BB7B60



5E5557



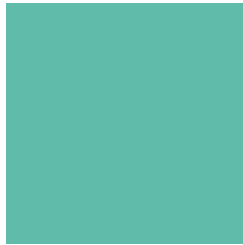
9E001E



1F0006

Previews

White Background



This preview shows how the Hex color 60BBAA looks on a white background.

Color Contrast Check

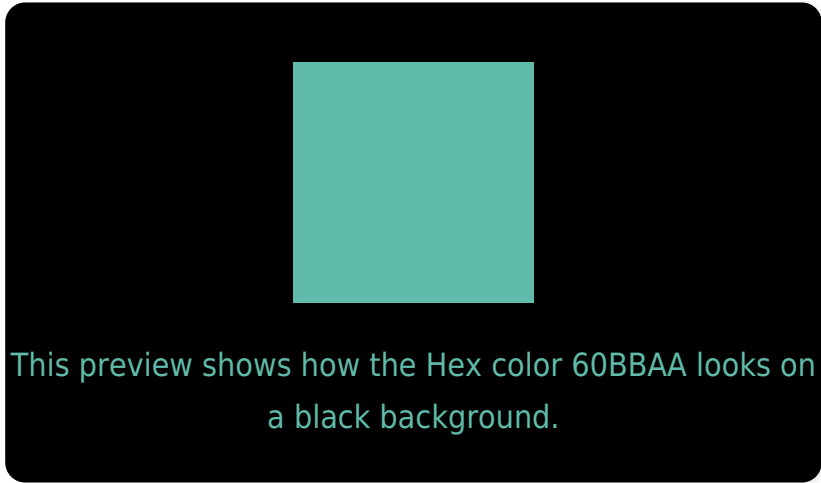
Large Text (above 18pt) WCAG AA × Fail

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

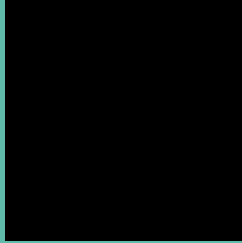
Any Text WCAG AA ✓ Pass

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 60BBAA Background



This preview shows how black text looks on a background with the Hex color 60BBAA.

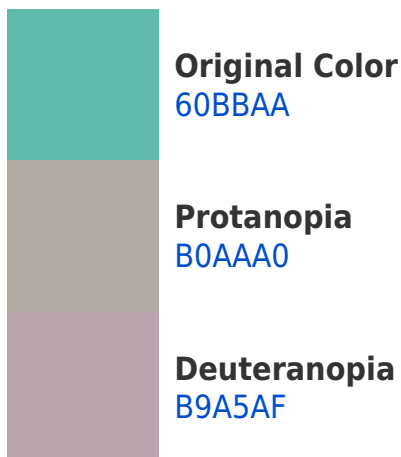


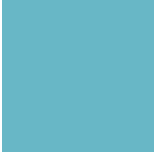
This preview shows how white text looks on a background with the Hex color 60BBAA.

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](#).

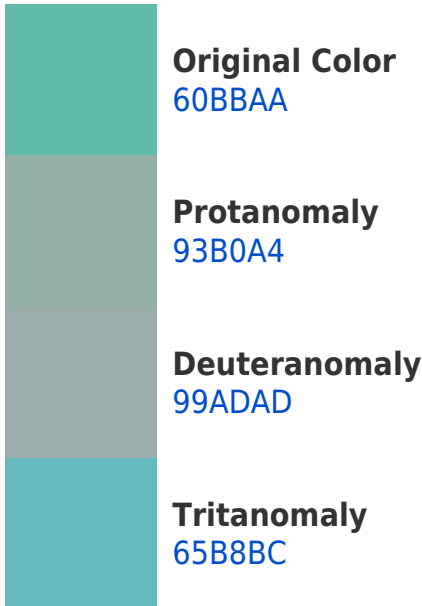
Dichromacy





Tritanopia
68B7C6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 60BBAA 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 #60BBAA looks like.

```
.text, #text, p{  
    color:#60BBAA  
}
```

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 #60BBAA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60BBAA
}
```

Border

The CSS property to change the border of an element to Hex 60BBAA 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
#60BBAA }
```

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

```
.border{ border-color:#60BBAA }
```

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

Here you see how a box with a 4 pixel #60BBAA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60BBAA; -webkit-box-shadow:4px 4px  
4px 4px #60BBAA; box-shadow:4px 4px 4px  
4px #60BBAA }
```

Background

The CSS property to change the background color of an element to Hex 60BBAA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60BBAA }
```

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

```
.background{ background-color:#60BBAA }
```

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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