

Converting Colors

Hex(60C4AA)

Have a look what the booklet for
Hex(60C4AA) contains.

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Color

Hex(60C4AA)

Conversions

Conversions Part 1

Format	Color
Hex	60C4AA
RGB	96, 196, 170
RGB Percent	38%, 77%, 67%
CMY	0.6235, 0.2314, 0.3333
CMYK	0.51, 0.00, 0.13, 0.23
HSL	164°, 46%, 57%
HSV	164°, 51%, 77%
XYZ	31.8195, 44.8689, 45.0137
YIQ	163.1360, -51.2540, -29.2860

Conversions

Conversions Part 2

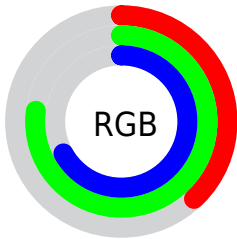
Format	Color
RYB	96, 153, 196
Decimal	6341802
CIELab	72.81, -35.60, 4.12
CIELCh	73, 35.840, 173.395
Yxy	44.8689, 0.2615, 0.3687
Android (android.graphics.Color)	4284531882 (0xFF60C4AA)
YUV	163.1360, 3.3840, -58.8783
Hunter-Lab	66.9843, -32.4297, 7.0459

Details

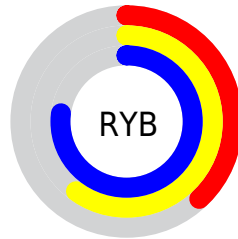
The Hex color **60C4AA** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **C4607A**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **99FDE1**, and **218E76** is the 20% darker color. If you saturate the color by 10%, you get **4CC4A5**, and if you desaturate by 10%, it is **74C4AF**.

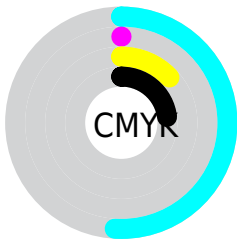
Distribution



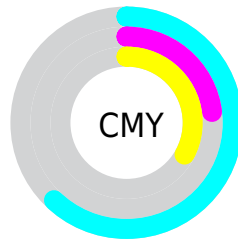
- Red (38%)
- Green (77%)
- Blue (67%)



- Red (38%)
- Yellow (60%)
- Blue (77%)



- Cyan (51%)
- Magenta (0%)
- Yellow (13%)
- Black (23%)



- Cyan (62%)
- Magenta (23%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 60C4AA 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 60C4AA by changing the saturation by 10% instead.

 60C4AA

 60C4AA

FFFFFF

 43A890

 99FDE1

 218E76

 B6FFFE

 00745D

 D3FFFF

 005A46

 F0FFFF

 00422F

 002B1B

 001200

 000000

 60C4AA

 60C4AA

 4CC4A5

 74C4AF

 39C4A0

 87C4B4

 25C49B

 9BC4B9

 12C496

 AEC4BE

 00C491

 C2C4C3

 D6C4C9

 E9C4CE

 FDC4D3

 FFC4D8

Harmonies

Analogous

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



89C08B



60C4AA



3EC4CC

Triad

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



60C4AA



ADADEF



E8A37F

Complementary

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



60C4AA



C4607A

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.



F39B9A



60C4AA



D5A1DA

Square

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



60C4AA



79B8F3



EE9ABB



CFAE71

Rectangle

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



60C4AA



3EC2DF



EE9ABB



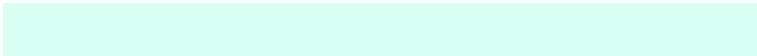
EDA087

Sweetspot

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



60C4AA



D9FFF5



7BC460



69807A



000000



808080

Same Dimension

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



60C4AA



63FFD7



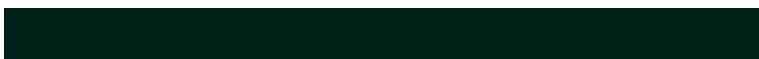
60ADC4



57615E



00A177



002119

Inverse Universe

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



C4607A



FF638C



C47760



61575A



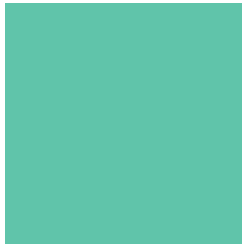
A1002A



210009

Previews

White Background



This preview shows how the Hex color 60C4AA looks on a white background.

Color Contrast Check

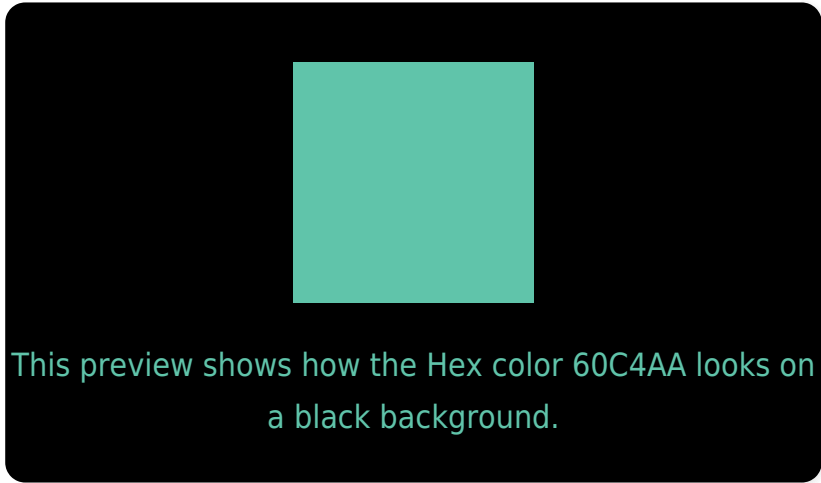
Large Text (above 18pt) WCAG AA × Fail

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

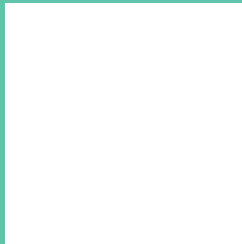
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 60C4AA Background



This preview shows how black text looks on a background with the Hex color 60C4AA.

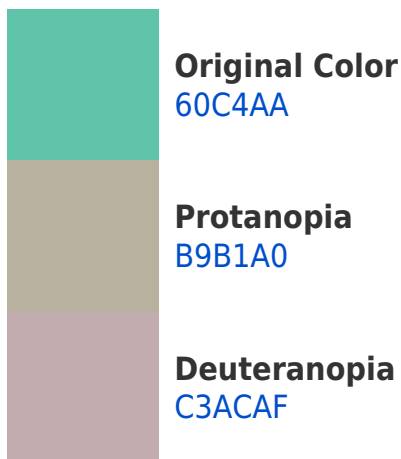


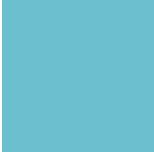
This preview shows how white text looks on a background with the Hex color 60C4AA.

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
6BBFCE

Trichromacy



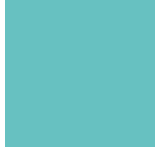
Original Color
60C4AA



Protanomaly
99B8A4



Deuteranomaly
9FB5AD



Tritanomaly
67C1C1

Monochromacy



Original Color
60C4AA



Achromatopsia
A3A3A3



Achromatomaly
8BAFA6

CSS Examples

Text

The CSS property to change the color of the text to Hex 60C4AA 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 #60C4AA looks like.

```
.text, #text, p{  
    color:#60C4AA  
}
```

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 #60C4AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60C4AA
}
```

Border

The CSS property to change the border of an element to Hex 60C4AA 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
#60C4AA }
```

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

```
.border{ border-color:#60C4AA }
```

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

Here you see how a box with a 4 pixel #60C4AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60C4AA; -webkit-box-shadow:4px 4px  
4px 4px #60C4AA; box-shadow:4px 4px 4px  
4px #60C4AA }
```

Background

The CSS property to change the background color of an element to Hex 60C4AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60C4AA }
```

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

```
.background{ background-color:#60C4AA }
```

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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