

# Converting Colors

Hex(60C7AA)

Have a look what the booklet for  
Hex(60C7AA) contains.

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**Color**

**Hex(60C7AA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	60C7AA
RGB	96, 199, 170
RGB Percent	38%, 78%, 67%
CMY	0.6235, 0.2196, 0.3333
CMYK	0.52, 0.00, 0.15, 0.22
HSL	163°, 48%, 58%
HSV	163°, 52%, 78%
XYZ	32.5030, 46.2359, 45.2415
YIQ	164.8970, -52.0790, -30.8550

# Conversions

## Conversions Part 2

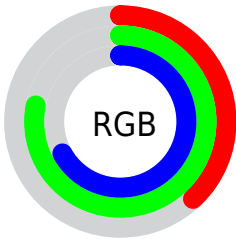
Format	Color
<b>RYB</b>	96, 156, 199
Decimal	6342570
CIELab	73.70, -36.98, 5.41
CIElCh	74, 37.376, 171.676
Yxy	46.2359, 0.2622, 0.3729
Android (android.graphics.Color)	4284532650 (0xFF60C7AA)
YUV	164.8970, 2.5158, -60.4227
Hunter-Lab	67.9970, -33.6706, 8.1495

# Details

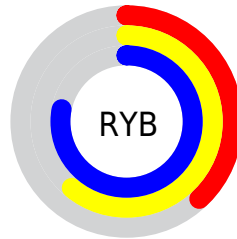
The Hex color **60C7AA** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **C7607D**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **99FFE1**, and **209076** is the 20% darker color. If you saturate the color by 10%, you get **4CC7A4**, and if you desaturate by 10%, it is **74C7B0**.

# Distribution



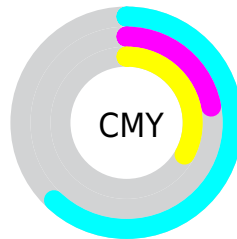
- Red (38%)
- Green (78%)
- Blue (67%)



- Red (38%)
- Yellow (61%)
- Blue (78%)



- Cyan (52%)
- Magenta (0%)
- Yellow (15%)
- Black (22%)



- Cyan (62%)
- Magenta (22%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 60C7AA 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 60C7AA by changing the saturation by 10% instead.



 60C7AA

 60C7AA

FFFFFF

 42AB90

 99FFE1

 209076

 B6FFFE

 00765D

 D3FFFF

 005D46

 F1FFFF

 00452F

 002E1B

 001500

 000000

 60C7AA

 60C7AA

 4CC7A4

 74C7B0

 38C79F

 88C7B5

 24C799

 9CC7BB

 10C794

 B0C7C0

 00C78F

 C4C7C6

 D7C7CC

 EBC7D1

 FFC7D7

 FFC7DC

# Harmonies

## Analogous

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



8BC389



60C7AA



37C7CD

# Triad

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



60C7AA



ACB0F5



EEA481

# Complementary

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



60C7AA



C7607D

# 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.



F99C9D



60C7AA



D7A4E0

# Square

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



60C7AA



75BBF8



F29CC0



D5B071

# Rectangle

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



60C7AA



34C5E2



F29CC0



F3A189

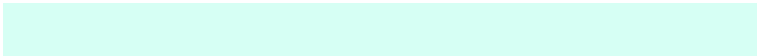


# Sweetspot

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



60C7AA



D6FFF4



7DC760



678079



000000



808080



# Same Dimension

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



60C7AA



61FFD2



60B1C7



5A6361



00A375



00241A



# Inverse Universe

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



C7607D



FF618D



C77660



635A5C



A3002E

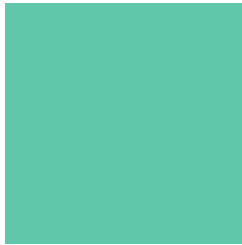


24000A



# Previews

## White Background



This preview shows how the Hex color 60C7AA 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 60C7AA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

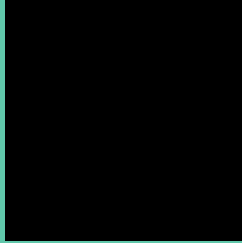
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

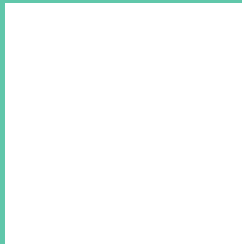
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 60C7AA Background



This preview shows how black text looks on a background with the Hex color 60C7AA.

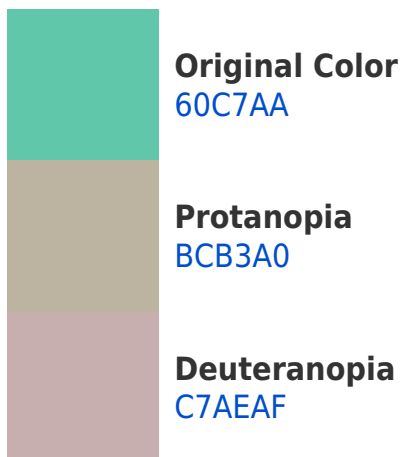


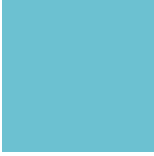
This preview shows how white text looks on a background with the Hex color 60C7AA.

# 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**  
6CC1D1

# Trichromacy



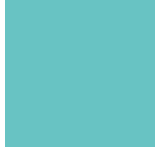
**Original Color**  
60C7AA



**Protanomaly**  
9BBAA4



**Deuteranomaly**  
A2B7AD

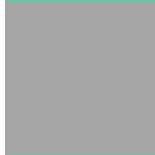


**Tritanomaly**  
68C3C3

# Monochromacy



**Original Color**  
60C7AA



**Achromatopsia**  
A5A5A5



**Achromatomaly**  
8CB1A7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 60C7AA 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 #60C7AA looks like.

```
.text, #text, p{  
    color:#60C7AA  
}
```

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 #60C7AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60C7AA
}
```

## Border

The CSS property to change the border of an element to Hex 60C7AA 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
#60C7AA }
```

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

```
.border{ border-color:#60C7AA }
```

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

Here you see how a box with a 4 pixel #60C7AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60C7AA; -webkit-box-shadow:4px 4px  
4px 4px #60C7AA; box-shadow:4px 4px 4px  
4px #60C7AA }
```

# Background

The CSS property to change the background color of an element to Hex 60C7AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60C7AA }
```

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

```
.background{ background-color:#60C7AA }
```

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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