

Converting Colors

Hex(60C1A7)

Have a look what the booklet for
Hex(60C1A7) contains.

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Color

Hex(60C1A7)

Conversions

Conversions Part 1

Format	Color
Hex	60C1A7
RGB	96, 193, 167
RGB Percent	38%, 76%, 65%
CMY	0.6235, 0.2431, 0.3451
CMYK	0.50, 0.00, 0.13, 0.24
HSL	164°, 44%, 57%
HSV	164°, 50%, 76%
XYZ	30.8689, 43.4167, 43.3125
YIQ	161.0330, -49.4660, -28.6500

Conversions

Conversions Part 2

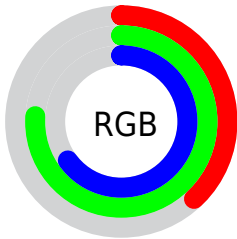
Format	Color
RYB	96, 152, 193
Decimal	6341031
CIELab	71.84, -34.92, 4.35
CIElCh	72, 35.190, 172.893
Yxy	43.4167, 0.2625, 0.3692
Android (android.graphics.Color)	4284531111 (0xFF60C1A7)
YUV	161.0330, 2.9417, -57.0339
Hunter-Lab	65.8914, -31.6860, 7.1507

Details

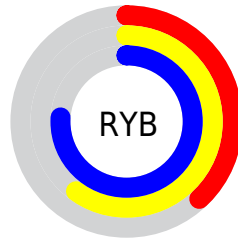
The Hex color **60C1A7** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **C1607A**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **99FADE**, and **228B73** is the 20% darker color. If you saturate the color by 10%, you get **4DC1A2**, and if you desaturate by 10%, it is **73C1AC**.

Distribution



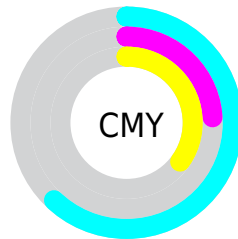
- Red (38%)
- Green (76%)
- Blue (65%)



- Red (38%)
- Yellow (60%)
- Blue (76%)



- Cyan (50%)
- Magenta (0%)
- Yellow (13%)
- Black (24%)



- Cyan (62%)
- Magenta (24%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 60C1A7 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 60C1A7 by changing the saturation by 10% instead.

 60C1A7

 60C1A7

FFFFFF

 43A68D

 99FADE

 228B73

 B5FFFB

 00715B

 D2FFFF

 005843

 F0FFFF

 00402D

 002918

 000C00

 000000

 60C1A7

 60C1A7

 4DC1A2

 73C1AC

 39C19D

 87C1B1

 26C197

 9AC1B7

 13C192

 ADC1BC

 00C18D

 C1C1C1

 D4C1C6

 E7C1CB

 FAC1D0

 FFC1D6

Harmonies

Analogous

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



87BD88



60C1A7



3FC1C8

Triad

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



60C1A7



A9ABEB



E5A17E

Complementary

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



60C1A7



C1607A

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.



EF9999



60C1A7



D19FD7

Square

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



60C1A7



77B5EF



E998B9



CDAB70

Rectangle

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



60C1A7



3EBFDB



E998B9



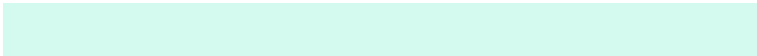
EA9D86

Sweetspot

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



60C1A7



D4FAF0



7BC160



667D77



FCFCFC



7D7D7D

Same Dimension

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



60C1A7



64FAD2



60ACC1



57615E



00A176



002118

Inverse Universe

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



C1607A



FA648C



C17560



61575A



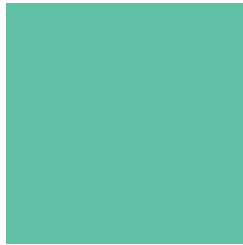
A1002B



210009

Previews

White Background



This preview shows how the Hex color 60C1A7 looks on a white background.

Color Contrast Check

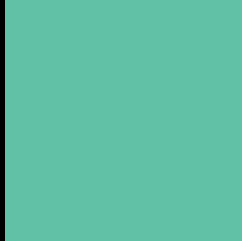
Large Text (above 18pt) WCAG AA × Fail

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 60C1A7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

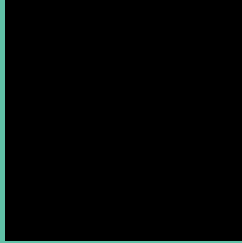
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

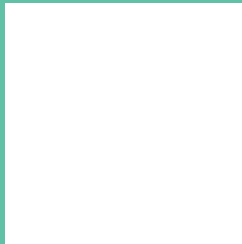
Any Text WCAG AAA ✓ Pass

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

Hex 60C1A7 Background



This preview shows how black text looks on a background with the Hex color 60C1A7.

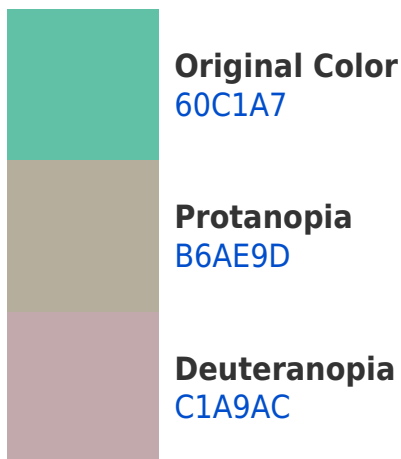


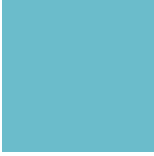
This preview shows how white text looks on a background with the Hex color 60C1A7.

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
6BBCCB

Trichromacy



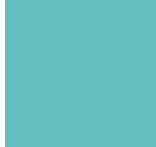
Original Color
60C1A7



Protanomaly
97B5A1



Deuteranomaly
9EB2AA



Tritanomaly
67BEBE

Monochromacy



Original Color
60C1A7



Achromatopsia
A1A1A1



Achromatomaly
89ADA3

CSS Examples

Text

The CSS property to change the color of the text to Hex 60C1A7 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 #60C1A7 looks like.

```
.text, #text, p{  
    color:#60C1A7  
}
```

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 #60C1A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60C1A7  
}
```

Border

The CSS property to change the border of an element to Hex 60C1A7 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  
#60C1A7 }
```

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

```
.border{ border-color:#60C1A7 }
```

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

Here you see how a box with a 4 pixel #60C1A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60C1A7; -webkit-box-shadow:4px 4px  
4px 4px #60C1A7; box-shadow:4px 4px 4px  
4px #60C1A7 }
```

Background

The CSS property to change the background color of an element to Hex 60C1A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60C1A7 }
```

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

```
.background{ background-color:#60C1A7 }
```

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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