

Converting Colors

Hex(60C49A)

Have a look what the booklet for
Hex(60C49A) contains.

Hex(60C49A)	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(60C49A)

Conversions

Conversions Part 1

Format	Color
Hex	60C49A
RGB	96, 196, 154
RGB Percent	38%, 77%, 60%
CMY	0.6235, 0.2314, 0.3961
CMYK	0.51, 0.00, 0.21, 0.23
HSL	155°, 46%, 57%
HSV	155°, 51%, 77%
XYZ	30.3965, 44.2997, 37.5205
YIQ	161.3120, -46.1180, -34.2620

Conversions

Conversions Part 2

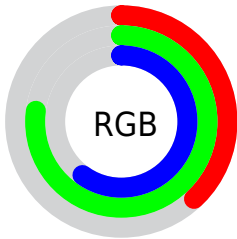
Format	Color
RYB	96, 159, 196
Decimal	6341786
CIELab	72.43, -39.23, 12.25
CIElCh	72, 41.098, 162.664
Yxy	44.2997, 0.2709, 0.3948
Android (android.graphics.Color)	4284531866 (0xFF60C49A)
YUV	161.3120, -3.6048, -57.2786
Hunter-Lab	66.5581, -34.9571, 13.1673

Details

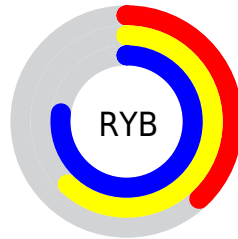
The Hex color **60C49A** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **C4608A**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **99FDD0**, and **228E67** is the 20% darker color. If you saturate the color by 10%, you get **4CC492**, and if you desaturate by 10%, it is **74C4A2**.

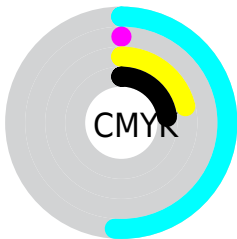
Distribution



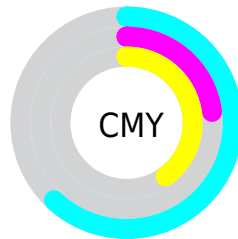
- Red (38%)
- Green (77%)
- Blue (60%)



- Red (38%)
- Yellow (62%)
- Blue (77%)



- Cyan (51%)
- Magenta (0%)
- Yellow (21%)
- Black (23%)



- Cyan (62%)
- Magenta (23%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 60C49A 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 60C49A by changing the saturation by 10% instead.

 60C49A

 60C49A

FFFFFF

 43A880

 99FDD0

 228E67

 B5FFED

 00734F

 D2FFFF

 005A38

 F0FFFF

 004222

 002B0D

 001000

 000000

 60C49A

 60C49A

 4CC492

 74C4A2

 39C48A

 87C4AA

 25C481

 9BC4B3

 12C479

 AEC4BB

 00C472

 C2C4C3

 D6C4CB

 E9C4D4

 FDC4DC

 FFC4E4

Harmonies

Analogous

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



91BE79



60C49A



1BC6C1

Triad

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



60C49A



94B0FB



F49B80

Complementary

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



60C49A



C4608A

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.



FB94A3



60C49A



CAA2E9

Square

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



60C49A



4FBCF9



ED97C9



DDA86A

Rectangle

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



60C49A



00C4D9



ED97C9



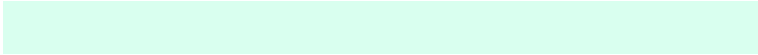
F8988B

Sweetspot

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



60C49A



D9FFEF



8BC460



698076



000000



808080

Same Dimension

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



60C49A



63FFBE



60BDC4



57615D



00A15D



002113

Inverse Universe

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



C4608A



FF63A5



C46760



61575B



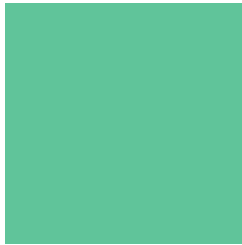
A10043



21000E

Previews

White Background



This preview shows how the Hex color 60C49A 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 60C49A looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

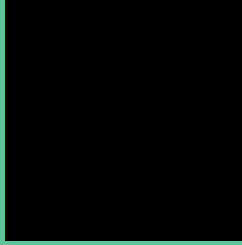
Any Text WCAG AA ✓ Pass

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 60C49A Background



This preview shows how black text looks on a background with the Hex color 60C49A.

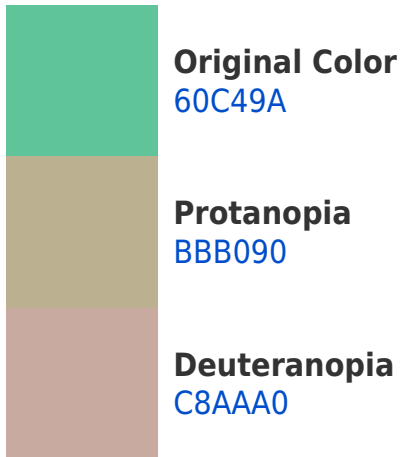


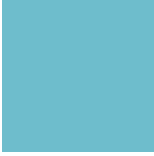
This preview shows how white text looks on a background with the Hex color 60C49A.

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





Trichromacy



Original Color
60C49A



Protanomaly
9AB794



Deuteranomaly
A2B39E



Tritanomaly
69C0BA

Monochromacy



Original Color
60C49A



Achromatopsia
A1A1A1



Achromatomaly
89AE9E

CSS Examples

Text

The CSS property to change the color of the text to Hex 60C49A 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 #60C49A looks like.

```
.text, #text, p{  
    color:#60C49A  
}
```

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 #60C49A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60C49A
}
```

Border

The CSS property to change the border of an element to Hex 60C49A 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
#60C49A }
```

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

```
.border{ border-color:#60C49A }
```

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

Here you see how a box with a 4 pixel #60C49A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60C49A; -webkit-box-shadow:4px 4px  
4px 4px #60C49A; box-shadow:4px 4px 4px  
4px #60C49A }
```

Background

The CSS property to change the background color of an element to Hex 60C49A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60C49A }
```

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

```
.background{ background-color:#60C49A }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor