

Converting Colors

Hex(61CC7A)

Have a look what the booklet for
Hex(61CC7A) contains.

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Color

Hex(61CC7A)

Conversions

Conversions Part 1

Format	Color
Hex	61CC7A
RGB	97, 204, 122
RGB Percent	38%, 80%, 48%
CMY	0.6196, 0.2000, 0.5216
CMYK	0.52, 0.00, 0.40, 0.20
HSL	134°, 51%, 59%
HSV	134°, 52%, 80%
XYZ	30.0355, 47.1323, 25.9268
YIQ	162.6590, -37.4500, -48.1860

Conversions

Conversions Part 2

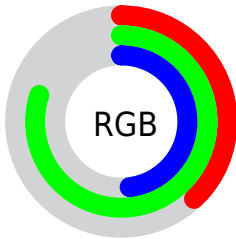
Format	Color
RYB	97, 184, 204
Decimal	6409338
CIELab	74.27, -48.55, 31.68
CIELCh	74, 57.970, 146.871
Yxy	47.1323, 0.2913, 0.4572
Android (android.graphics.Color)	4284599418 (0xFF61CC7A)
YUV	162.6590, -20.0449, -57.5829
Hunter-Lab	68.6529, -42.0494, 25.6662

Details

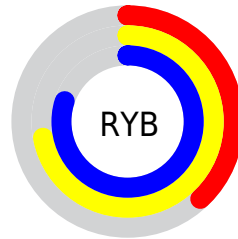
The Hex color **61CC7A** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **CC61B3**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **9AFFAF**, and **219548** is the 20% darker color. If you saturate the color by 10%, you get **4DCC6A**, and if you desaturate by 10%, it is **75CC8A**.

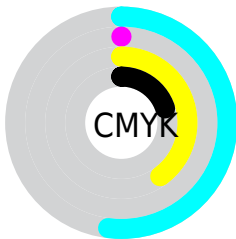
Distribution



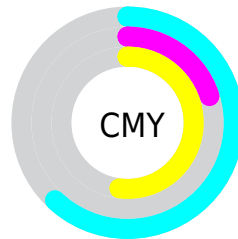
- Red (38%)
- Green (80%)
- Blue (48%)



- Red (38%)
- Yellow (72%)
- Blue (80%)



- Cyan (52%)
- Magenta (0%)
- Yellow (40%)
- Black (20%)



- Cyan (62%)
- Magenta (20%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 61CC7A 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 61CC7A by changing the saturation by 10% instead.

 61CC7A

 61CC7A

FFFFFF

 43B061

 9AFFAF

 219548

 B7FFCB

 007A30

 D4FFE7

 006118

 F2FFFF

 004800

 003100

 001800

 000000

 61CC7A

 61CC7A

 4DCC6A

 75CC8A

 38CC5B

 8ACC99

 24CC4B

 9ECCA9

 0FCC3B

 B3CCB9

 00CC30

 C7CCC8

 DBCCD8

 F0CCE7

 FFCCF7

 FFCCFF

Harmonies

Analogous

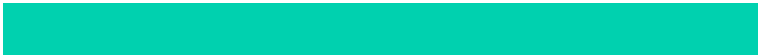
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A5C253



61CC7A



00D1AF

Triad

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



61CC7A



32BEFF



FF8D8A

Complementary

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



61CC7A



CC61B3

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.



FF89BE



61CC7A



B0ABFF

Square

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



61CC7A



00CBFF



F396F2



FF9E5E

Rectangle

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



61CC7A



00D1D4



F396F2



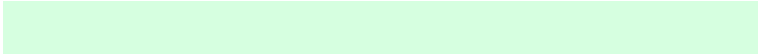
FF899B

Sweetspot

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



61CC7A



D6FFE0



B3CC61



67806D



000000



808080

Same Dimension

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



61CC7A



5EFF84



61CCAF



5C665E



00A627



002609

Inverse Universe

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



CC61B3



FF5ED9



CC617E



665C64



A6007F



26001D

Previews

White Background



This preview shows how the Hex color 61CC7A 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 61CC7A looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

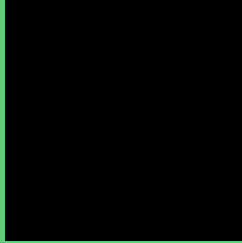
Any Text WCAG AA ✓ Pass

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 61CC7A Background



This preview shows how black text looks on a background with the Hex color 61CC7A.

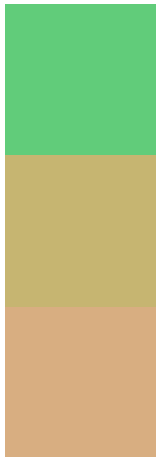


This preview shows how white text looks on a background with the Hex color 61CC7A.

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



Original Color
61CC7A

Protanopia
C6B571

Deuteranopia
D8AE81



Tritanopia
77C2D1

Trichromacy



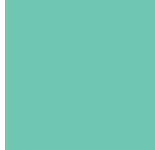
Original Color
61CC7A



Protanomaly
A1BD74



Deuteranomaly
ADB97E



Tritanomaly
6FC6B1

Monochromacy



Original Color
61CC7A



Achromatopsia
A3A3A3



Achromatomaly
8BB294

CSS Examples

Text

The CSS property to change the color of the text to Hex 61CC7A 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 #61CC7A looks like.

```
.text, #text, p{  
    color:#61CC7A  
}
```

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 #61CC7A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61CC7A
}
```

Border

The CSS property to change the border of an element to Hex 61CC7A 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
#61CC7A }
```

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

```
.border{ border-color:#61CC7A }
```

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

Here you see how a box with a 4 pixel #61CC7A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61CC7A; -webkit-box-shadow:4px 4px  
4px 4px #61CC7A; box-shadow:4px 4px 4px  
4px #61CC7A }
```

Background

The CSS property to change the background color of an element to Hex 61CC7A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61CC7A }
```

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

```
.background{ background-color:#61CC7A }
```

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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