

# Converting Colors

Hex(61C495)

Have a look what the booklet for  
Hex(61C495) contains.

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**Color**

**Hex(61C495)**

# Conversions

## Conversions Part 1

Format	Color
Hex	61C495
RGB	97, 196, 149
RGB Percent	38%, 77%, 58%
CMY	0.6196, 0.2314, 0.4157
CMYK	0.51, 0.00, 0.24, 0.23
HSL	152°, 46%, 57%
HSV	152°, 51%, 77%
XYZ	30.0945, 44.1912, 35.3774
YIQ	161.0410, -43.9170, -35.6050

# Conversions

## Conversions Part 2

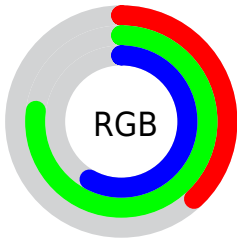
Format	Color
<a href="#">RYB</a>	<a href="#">97, 162, 196</a>
Decimal	<a href="#">6407317</a>
CIELab	<a href="#">72.36, -40.06, 14.84</a>
CIELCh	<a href="#">72, 42.718, 159.667</a>
Yxy	<a href="#">44.1912, 0.2744, 0.4030</a>
Android (android.graphics.Color)	<a href="#">4284597397 (0xFF61C495)</a>
YUV	<a href="#">161.0410, -5.9362, -56.1640</a>
Hunter-Lab	<a href="#">66.4764, -35.5251, 14.9806</a>

# Details

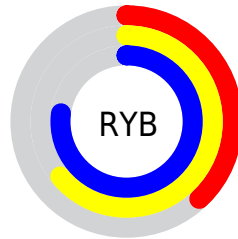
The Hex color **61C495** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **C46190**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **99FDCB**, and **248E62** is the 20% darker color. If you saturate the color by 10%, you get **4DC48C**, and if you desaturate by 10%, it is **75C49E**.

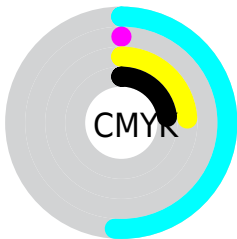
# Distribution



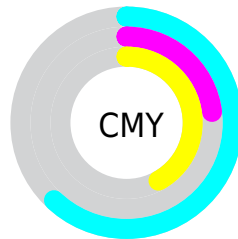
- Red (38%)
- Green (77%)
- Blue (58%)



- Red (38%)
- Yellow (64%)
- Blue (77%)



- Cyan (51%)
- Magenta (0%)
- Yellow (24%)
- Black (23%)




- Cyan (62%)
- Magenta (23%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 61C495 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 61C495 by changing the saturation by 10% instead.



 61C495

 61C495

FFFFFF

 44A87B

 99FDCB

 248E62

 B6FFE7

 00734A

 D3FFFF

 005A33

 F0FFFF

 00421E

 002B07

 000F00

 000000

 61C495

 61C495

 4DC48C

 75C49E

 3AC482

 88C4A8

 26C479

 9CC4B1

 13C470

 AFC4BA

 00C467

 C3C4C4

 D7C4CD

 EAC4D6

 FEC4DF

 FFC4E9

# Harmonies

## Analogous

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



94BE74



61C495



0AC6BD

# Triad

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



61C495



8CB1FE



F79981

# Complementary

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



61C495



C46190

# 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.



FC92A6



61C495



C6A3EE

# Square

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



61C495



3CBDF4



EC96CD



E1A668

# Rectangle

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



61C495



00C5D7



EC96CD



FB968D

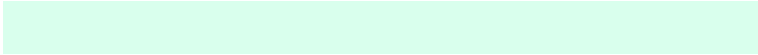


# Sweetspot

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



61C495



D9FFED



91C461



698075



000000



808080



# Same Dimension

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



61C495



63FFB5



61C2C4



57615C



00A154



002111



# Inverse Universe

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



C46190



FF63AD



C46361



61575C



A1004C



210010



# Previews

## White Background



This preview shows how the Hex color 61C495 looks on a white background.

## Color Contrast Check

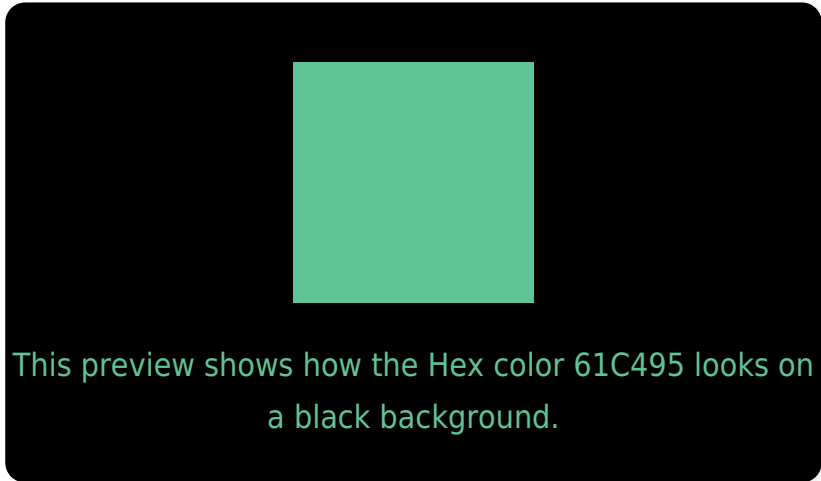
Large Text (above 18pt) WCAG AA × Fail

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

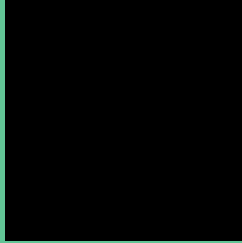
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 61C495 Background



This preview shows how black text looks on a background with the Hex color 61C495.

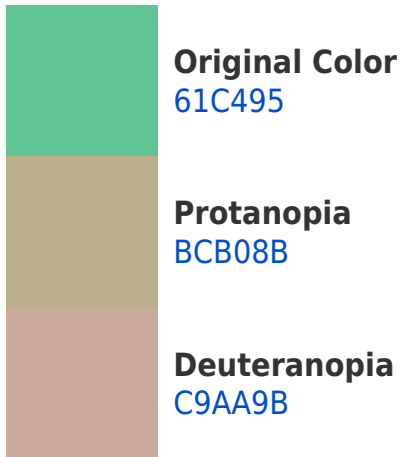


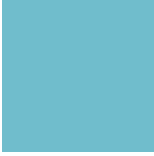
This preview shows how white text looks on a background with the Hex color 61C495.

# 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**  
61C495



**Protanomaly**  
9BB78F



**Deuteranomaly**  
A3B399



**Tritanomaly**  
6BC0B8

# Monochromacy



**Original Color**  
61C495



**Achromatopsia**  
A1A1A1



**Achromatomaly**  
8AAE9D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 61C495 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 #61C495 looks like.

```
.text, #text, p{  
    color:#61C495  
}
```

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 #61C495 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61C495
}
```

## Border

The CSS property to change the border of an element to Hex 61C495 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
#61C495 }
```

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

```
.border{ border-color:#61C495 }
```

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

Here you see how a box with a 4 pixel #61C495 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61C495; -webkit-box-shadow:4px 4px  
4px 4px #61C495; box-shadow:4px 4px 4px  
4px #61C495 }
```

# Background

The CSS property to change the background color of an element to Hex 61C495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61C495 }
```

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

```
.background{ background-color:#61C495 }
```

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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