

# Converting Colors

Hex(61B492)

Have a look what the booklet for  
Hex(61B492) contains.

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# **Color**

**Hex(61B492)**

# Conversions

## Conversions Part 1

Format	Color
Hex	61B492
RGB	97, 180, 146
RGB Percent	38%, 71%, 57%
CMY	0.6196, 0.2941, 0.4275
CMYK	0.46, 0.00, 0.19, 0.29
HSL	155°, 36%, 54%
HSV	155°, 46%, 71%
XYZ	26.4393, 37.2592, 32.9924
YIQ	151.3070, -38.5540, -28.1700

# Conversions

## Conversions Part 2

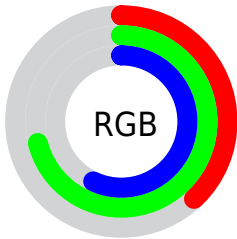
Format	Color
<a href="#">RYB</a>	<a href="#">97, 149, 180</a>
Decimal	<a href="#">6403218</a>
CIELab	<a href="#">67.47, -33.40, 9.58</a>
CIELCh	<a href="#">67, 34.744, 163.989</a>
Yxy	<a href="#">37.2592, 0.2734, 0.3853</a>
Android (android.graphics.Color)	<a href="#">4284593298 (0xFF61B492)</a>
YUV	<a href="#">151.3070, -2.6164, -47.6272</a>
Hunter-Lab	<a href="#">61.0403, -29.5042, 10.6819</a>

# Details

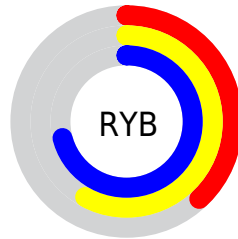
The Hex color **61B492** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **B46183**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **98ECC8**, and **297F5F** is the 20% darker color. If you saturate the color by 10%, you get **4FB48B**, and if you desaturate by 10%, it is **73B499**.

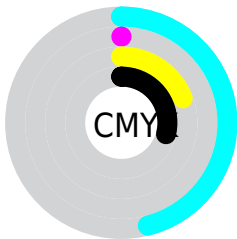
# Distribution



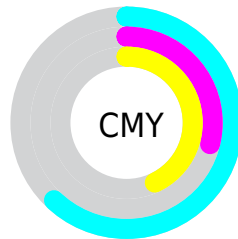
- Red (38%)
- Green (71%)
- Blue (57%)



- Red (38%)
- Yellow (58%)
- Blue (71%)



- Cyan (46%)
- Magenta (0%)
- Yellow (19%)
- Black (29%)




- Cyan (62%)
- Magenta (29%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 61B492 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 61B492 by changing the saturation by 10% instead.



 61B492

 61B492

FFFFFF

 469978

 98ECC8

 297F5F

 B4FFE4

 006548

 D0FFFF

 004D31

 EEEFFF

 00351C

 002202

 000000

 61B492

 61B492

 4FB48B

 73B499

 3DB483

 85B4A1

 2BB47C

 97B4A8

 19B475

 A9B4AF

 07B46D

 BBB4B7

 00B46A

 CDB4BE

 DFB4C6

 F1B4CD

 FFB4D4

# Harmonies

## Analogous

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



88AF76



61B492



3AB5B2

# Triad

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



61B492



90A2E1



DC927A

# Complementary

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



61B492



B46183

# 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.



E28C97



61B492



BB97D2

# Square

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



61B492



5CACE0



D78EB6



C89D68

# Rectangle

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



61B492



2CB4C6



D78EB6



E09083



# Sweetspot

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



61B492



CAEBDD



84B461



61756D



F5F5F5



757575



# Same Dimension

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



61B492



6AEBB6



61ADB4



505956



00995A



001A0F



# Inverse Universe

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



B46183



EB6A9E



B46861



595054



99003F

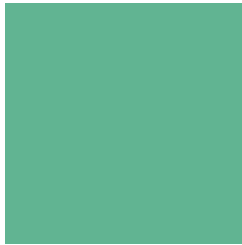


1A000A



# Previews

## White Background



This preview shows how the Hex color 61B492 looks on a white background.

## Color Contrast Check

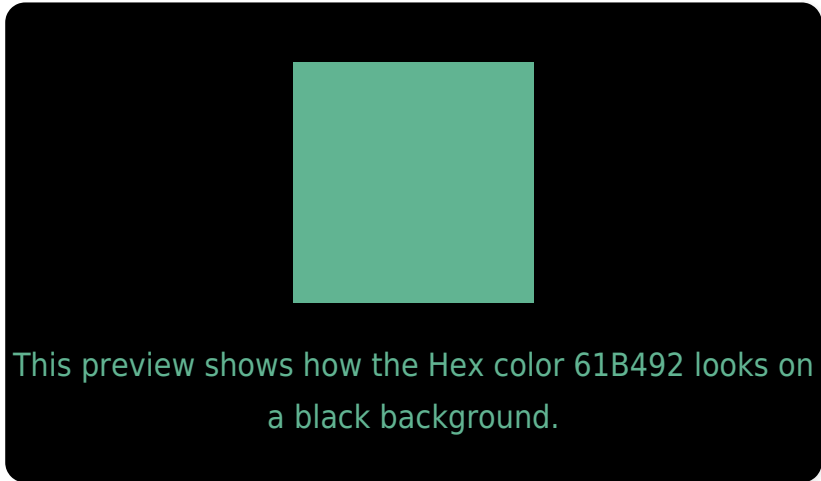
Large Text (above 18pt) WCAG AA × Fail

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

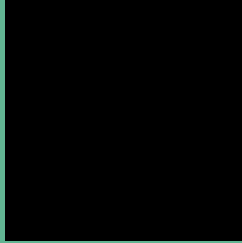
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 61B492 Background



This preview shows how black text looks on a background with the Hex color 61B492.

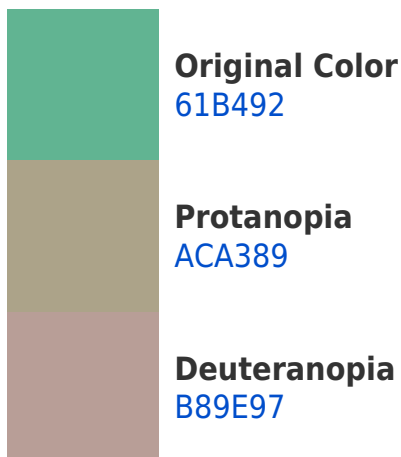


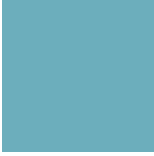
This preview shows how white text looks on a background with the Hex color 61B492.

# Color Blindness Simulation

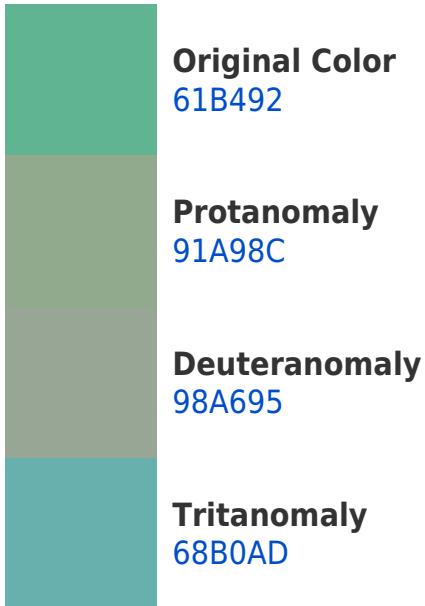
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

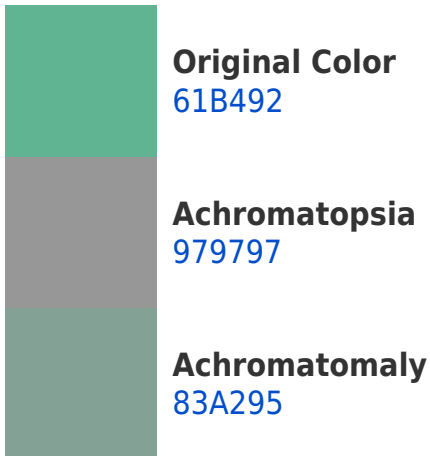




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 61B492 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 #61B492 looks like.

```
.text, #text, p{  
    color:#61B492  
}
```

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 #61B492 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61B492
}
```

## Border

The CSS property to change the border of an element to Hex 61B492 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
#61B492 }
```

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

```
.border{ border-color:#61B492 }
```

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

Here you see how a box with a 4 pixel #61B492 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61B492; -webkit-box-shadow:4px 4px  
4px 4px #61B492; box-shadow:4px 4px 4px  
4px #61B492 }
```

# Background

The CSS property to change the background color of an element to Hex 61B492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61B492 }
```

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

```
.background{ background-color:#61B492 }
```

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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