

Converting Colors

Hex(61B9A2)

Have a look what the booklet for
Hex(61B9A2) contains.

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Color

Hex(61B9A2)

Conversions

Conversions Part 1

Format	Color
Hex	61B9A2
RGB	97, 185, 162
RGB Percent	38%, 73%, 64%
CMY	0.6196, 0.2745, 0.3647
CMYK	0.48, 0.00, 0.12, 0.27
HSL	164°, 39%, 55%
HSV	164°, 48%, 73%
XYZ	28.8003, 39.8479, 40.3559
YIQ	156.0660, -45.0650, -25.8090

Conversions

Conversions Part 2

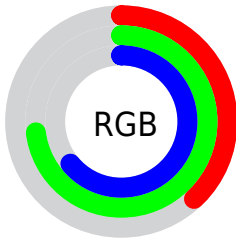
Format	Color
RYB	97, 148, 185
Decimal	6404514
CIELab	69.36, -32.10, 3.51
CIElCh	69, 32.295, 173.758
Yxy	39.8479, 0.2642, 0.3656
Android (android.graphics.Color)	4284594594 (0xFF61B9A2)
YUV	156.0660, 2.9255, -51.8009
Hunter-Lab	63.1252, -29.0301, 6.2836

Details

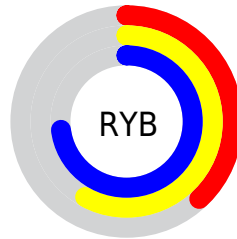
The Hex color **61B9A2** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **B96178**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **99F1D9**, and **27836E** is the 20% darker color. If you saturate the color by 10%, you get **4EB99D**, and if you desaturate by 10%, it is **73B9A7**.

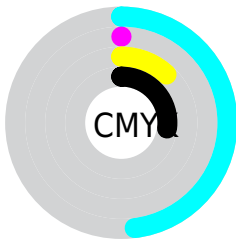
Distribution



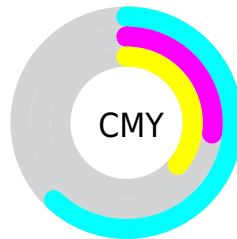
- Red (38%)
- Green (73%)
- Blue (64%)



- Red (38%)
- Yellow (58%)
- Blue (73%)



- Cyan (48%)
- Magenta (0%)
- Yellow (12%)
- Black (27%)



- Cyan (62%)
- Magenta (27%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 61B9A2 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 61B9A2 by changing the saturation by 10% instead.



61B9A2



61B9A2

FFFFFF



459E88



99F1D9



27836E



B5FFF5



006A56



D2FFFF



00513F



EFFFFF



003929



002415



000000



61B9A2



61B9A2



4EB99D



73B9A7

 3CB998

 86B9AC

 29B993

 99B9B1

 17B98F

 ABB9B5

 04B98A

 BDB9BA

 00B989

 D0B9BF

 E3B9C4

 F5B9C9

 FFB9CE

Harmonies

Analogous

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



84B586



61B9A2



47B9C0

Triad

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



61B9A2



A5A4DF



D99C7B

Complementary

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



61B9A2



B96178

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.



E39593



61B9A2



C99ACC

Square

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



61B9A2



78AEE3



DE94B1



C3A56F

Rectangle

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



61B9A2



48B7D1



DE94B1



DE9982

Sweetspot

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



61B9A2



CEF0E7



78B961



637873



F7F7F7



787878

Same Dimension

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



61B9A2



67F0CC



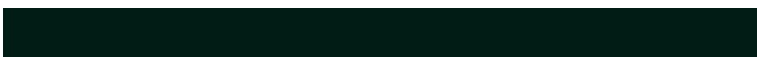
61A4B9



535C59



009C73



001C15

Inverse Universe

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



B96178



F0678B



B97661



5C5355



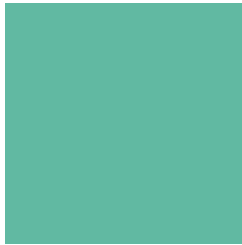
9C0029



1C0007

Previews

White Background



This preview shows how the Hex color 61B9A2 looks on a white background.

Color Contrast Check

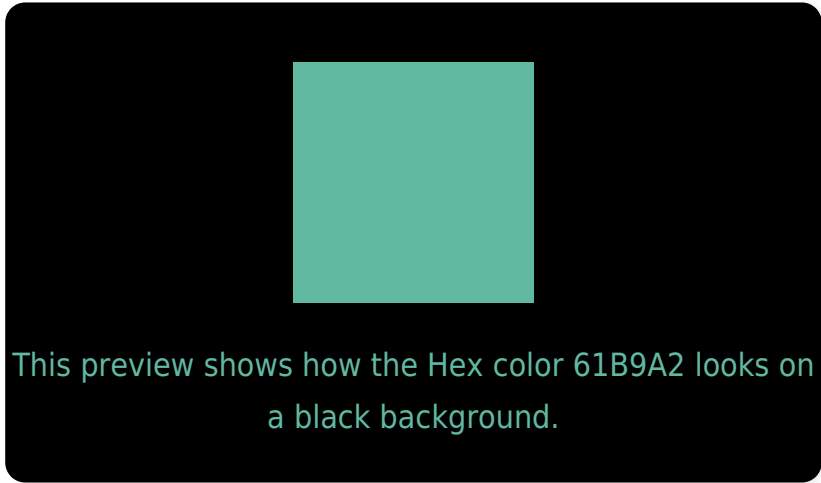
Large Text (above 18pt) WCAG AA × Fail

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

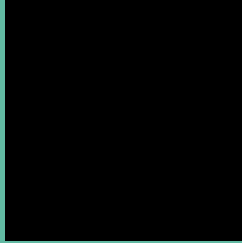
Any Text WCAG AA ✓ Pass

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 61B9A2 Background



This preview shows how black text looks on a background with the Hex color 61B9A2.

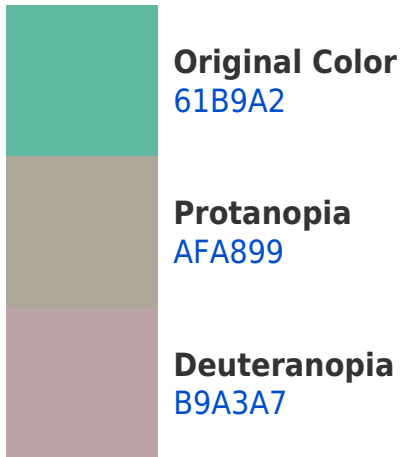


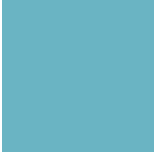
This preview shows how white text looks on a background with the Hex color 61B9A2.

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](#).

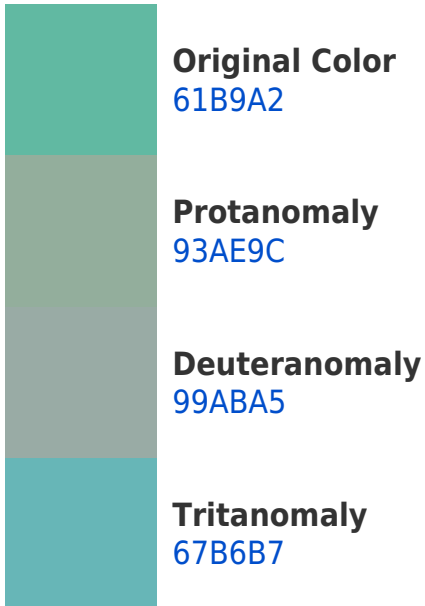
Dichromacy



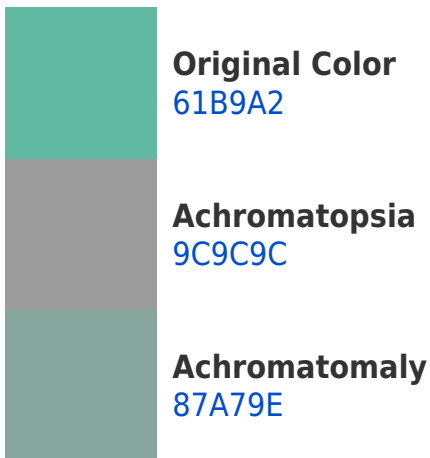


Tritanopia
6AB4C3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 61B9A2 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 #61B9A2 looks like.

```
.text, #text, p{  
    color:#61B9A2  
}
```

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 #61B9A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61B9A2
}
```

Border

The CSS property to change the border of an element to Hex 61B9A2 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
#61B9A2 }
```

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

```
.border{ border-color:#61B9A2 }
```

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

Here you see how a box with a 4 pixel #61B9A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61B9A2; -webkit-box-shadow:4px 4px  
4px 4px #61B9A2; box-shadow:4px 4px 4px  
4px #61B9A2 }
```

Background

The CSS property to change the background color of an element to Hex 61B9A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61B9A2 }
```

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

```
.background{ background-color:#61B9A2 }
```

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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