

Converting Colors

Hex(61B09D)

Have a look what the booklet for
Hex(61B09D) contains.

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Color

Hex(61B09D)

Conversions

Conversions Part 1

Format	Color
Hex	61B09D
RGB	97, 176, 157
RGB Percent	38%, 69%, 62%
CMY	0.6196, 0.3098, 0.3843
CMYK	0.45, 0.00, 0.11, 0.31
HSL	166°, 33%, 54%
HSV	166°, 45%, 69%
XYZ	26.5409, 36.0264, 37.4532
YIQ	150.2130, -40.9850, -22.6570

Conversions

Conversions Part 2

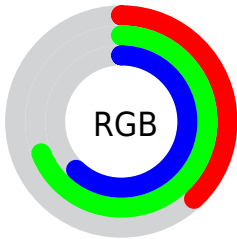
Format	Color
RYB	97, 142, 176
Decimal	6402205
CIELab	66.54, -28.97, 2.18
CIELCh	67, 29.048, 175.700
Yxy	36.0264, 0.2654, 0.3602
Android (android.graphics.Color)	4284592285 (0xFF61B09D)
YUV	150.2130, 3.3460, -46.6678
Hunter-Lab	60.0220, -26.1082, 5.0189

Details

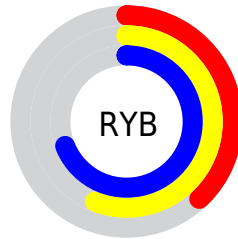
The Hex color **61B09D** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **B06174**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **98E8D3**, and **297B6A** is the 20% darker color. If you saturate the color by 10%, you get **4FB099**, and if you desaturate by 10%, it is **73B0A1**.

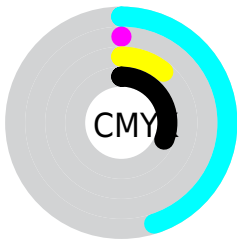
Distribution



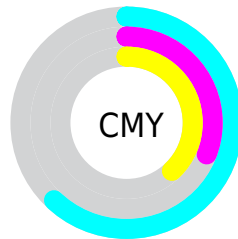
- Red (38%)
- Green (69%)
- Blue (62%)



- Red (38%)
- Yellow (56%)
- Blue (69%)



- Cyan (45%)
- Magenta (0%)
- Yellow (11%)
- Black (31%)




- Cyan (62%)
- Magenta (31%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 61B09D 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 61B09D by changing the saturation by 10% instead.

 61B09D

 61B09D

FFFFFF

 469583

 98E8D3

 297B6A

 B4FFF0

 006252

 D0FFFF

 00493B

 EDFFFF

 003225

 001F10

 000000

 61B09D

 61B09D

 4FB099

 73B0A1

 3EB095

 84B0A5

 2CB090

 96B0AA

 1BB08C

 A7B0AE

 09B088

 B9B0B2

 00B086

 CBB0B6

 DCB0BB

 EEB0BF

 FFB0C3

Harmonies

Analogous

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



7FAD84



61B09D



4EB0B8

Triad

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



61B09D



A09CD1



CC9678

Complementary

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



61B09D



B06174

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.



D6908C



61B09D



C094C0

Square

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



61B09D



7AA5D5



D28FA7



B89F6E

Rectangle

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



61B09D



51AEC6



D28FA7



D1947E

Sweetspot

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



61B09D



C8E6DE



75B061



60736E



F2F2F2



737373

Same Dimension

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



61B09D



6AE6C8



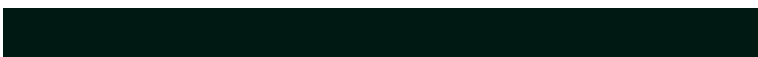
619CB0



505957



009974



001A13

Inverse Universe

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



B06174



E66A87



B07561



595052



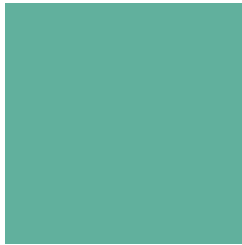
990025



1A0006

Previews

White Background



This preview shows how the Hex color 61B09D looks on a white background.

Color Contrast Check

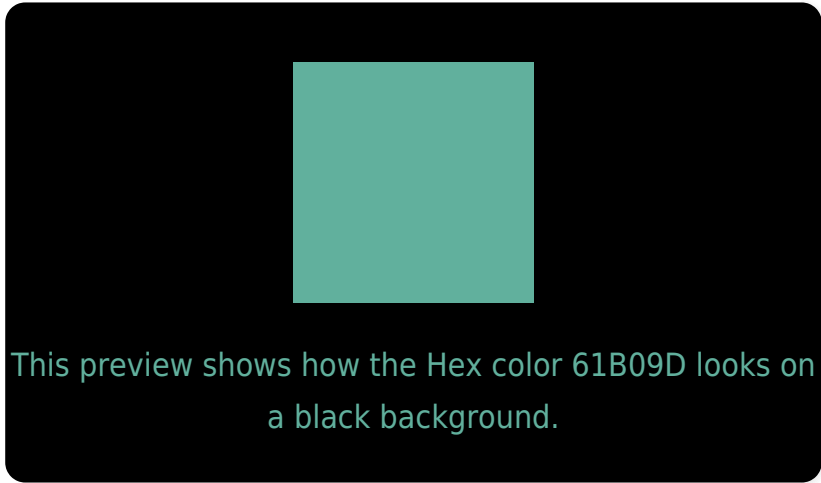
Large Text (above 18pt) WCAG AA × Fail

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

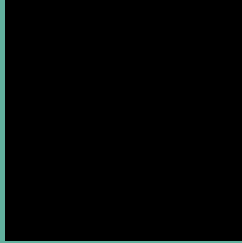
Any Text WCAG AA ✓ Pass

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 61B09D Background



This preview shows how black text looks on a background with the Hex color 61B09D.

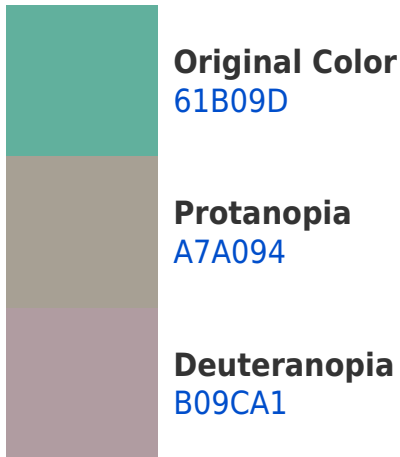


This preview shows how white text looks on a background with the Hex color 61B09D.

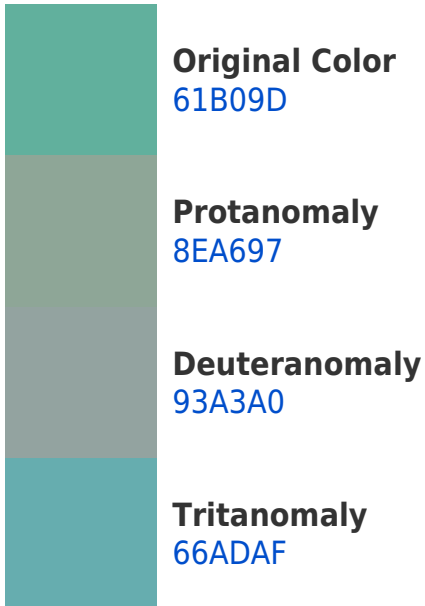
Color Blindness Simulation

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 61B09D 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 #61B09D looks like.

```
.text, #text, p{  
    color:#61B09D  
}
```

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 #61B09D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61B09D
}
```

Border

The CSS property to change the border of an element to Hex 61B09D 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
#61B09D }
```

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

```
.border{ border-color:#61B09D }
```

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

Here you see how a box with a 4 pixel #61B09D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61B09D; -webkit-box-shadow:4px 4px  
4px 4px #61B09D; box-shadow:4px 4px 4px  
4px #61B09D }
```

Background

The CSS property to change the background color of an element to Hex 61B09D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61B09D }
```

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

```
.background{ background-color:#61B09D }
```

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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