

Converting Colors

Hex(61B298)

Have a look what the booklet for
Hex(61B298) contains.

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Color

Hex(61B298)

Conversions

Conversions Part 1

Format	Color
Hex	61B298
RGB	97, 178, 152
RGB Percent	38%, 70%, 60%
CMY	0.6196, 0.3020, 0.4039
CMYK	0.46, 0.00, 0.15, 0.30
HSL	161°, 34%, 54%
HSV	161°, 46%, 70%
XYZ	26.5177, 36.6492, 35.3821
YIQ	150.8170, -39.9300, -25.2580

Conversions

Conversions Part 2

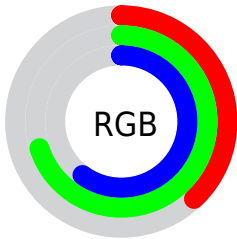
Format	Color
RYB	97, 145, 178
Decimal	6402712
CIELab	67.01, -31.10, 5.63
CIELCh	67, 31.604, 169.747
Yxy	36.6492, 0.2691, 0.3719
Android (android.graphics.Color)	4284592792 (0xFF61B298)
YUV	150.8170, 0.5832, -47.1975
Hunter-Lab	60.5386, -27.7543, 7.7246

Details

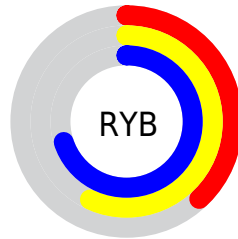
The Hex color **61B298** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **B2617B**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **98EACE**, and **297D65** is the 20% darker color. If you saturate the color by 10%, you get **4FB292**, and if you desaturate by 10%, it is **73B29E**.

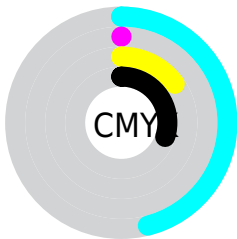
Distribution



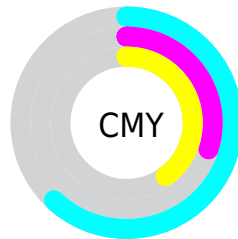
- Red (38%)
- Green (70%)
- Blue (60%)



- Red (38%)
- Yellow (57%)
- Blue (70%)



- Cyan (46%)
- Magenta (0%)
- Yellow (15%)
- Black (30%)



- Cyan (62%)
- Magenta (30%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 61B298 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 61B298 by changing the saturation by 10% instead.



61B298



61B298

FFFFFF



46977E



98EACE



297D65



B4FFEA



00634D



D0FFFF



004B36



EEFFFF



003421



00200B



000000



61B298



61B298



4FB292



73B29E

 3DB28D

 85B2A3

 2CB287

 96B2A9

 1AB281

 A8B2AF

 08B27B

 BAB2B5

 00B279

 CCB2BA

 DEB2C0

 EFB2C6

 FFB2CB

Harmonies

Analogous

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



83AE7D



61B298



45B2B5

Triad

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



61B298



999FD8



D49479

Complementary

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



61B298



B2617B

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.



DC8E91



61B298



BE95C8

Square

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



61B298



6DA9DA



D58FAE



C09E6B

Rectangle

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



61B298



42B1C6



D58FAE



D89280

Sweetspot

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



61B298



C8E8DE



7CB261



61756F



F5F5F5



757575

Same Dimension

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



61B298



68E8BF



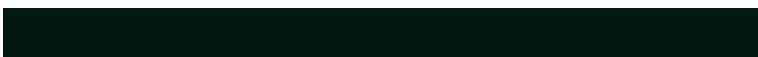
61A4B2



505956



009968



001A11

Inverse Universe

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



B2617B



E86891



B26F61



595053



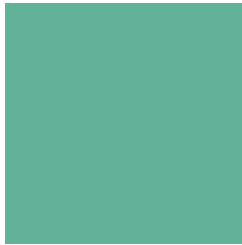
990031



1A0008

Previews

White Background



This preview shows how the Hex color 61B298 looks on a white background.

Color Contrast Check

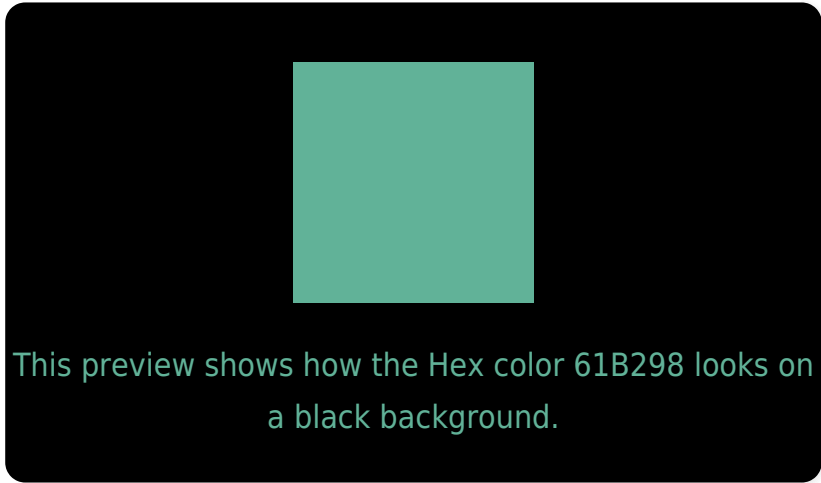
Large Text (above 18pt) WCAG AA × Fail

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

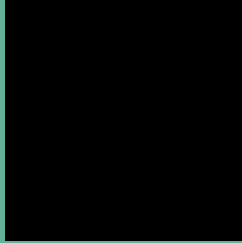
Any Text WCAG AA ✓ Pass

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 61B298 Background



This preview shows how black text looks on a background with the Hex color 61B298.

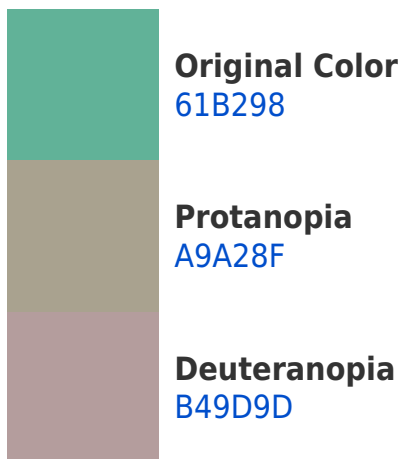


This preview shows how white text looks on a background with the Hex color 61B298.

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](#).

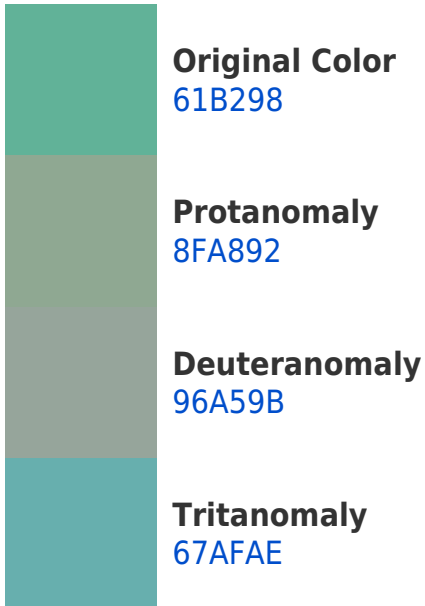
Dichromacy



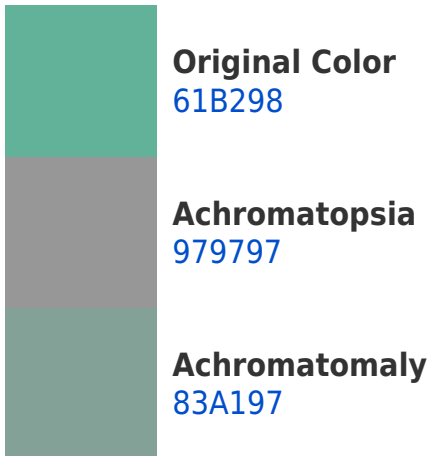


Tritanopia
6BADBB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 61B298 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 #61B298 looks like.

```
.text, #text, p{  
    color:#61B298  
}
```

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 #61B298 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61B298
}
```

Border

The CSS property to change the border of an element to Hex 61B298 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
#61B298 }
```

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

```
.border{ border-color:#61B298 }
```

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

Here you see how a box with a 4 pixel #61B298 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61B298; -webkit-box-shadow:4px 4px  
4px 4px #61B298; box-shadow:4px 4px 4px  
4px #61B298 }
```

Background

The CSS property to change the background color of an element to Hex 61B298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61B298 }
```

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

```
.background{ background-color:#61B298 }
```

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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