

Converting Colors

Hex(61B27C)

Have a look what the booklet for
Hex(61B27C) contains.

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Color

Hex(61B27C)

Conversions

Conversions Part 1

Format	Color
Hex	61B27C
RGB	97, 178, 124
RGB Percent	38%, 70%, 49%
CMY	0.6196, 0.3020, 0.5137
CMYK	0.46, 0.00, 0.30, 0.30
HSL	140°, 34%, 54%
HSV	140°, 46%, 70%
XYZ	24.4882, 35.8374, 24.6954
YIQ	147.6250, -30.9420, -33.9660

Conversions

Conversions Part 2

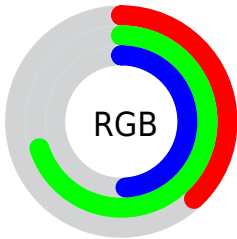
Format	Color
RYB	97, 158, 178
Decimal	6402684
CIELab	66.40, -36.99, 20.09
CIElCh	66, 42.099, 151.493
Yxy	35.8374, 0.2880, 0.4215
Android (android.graphics.Color)	4284592764 (0xFF61B27C)
YUV	147.6250, -11.6471, -44.3981
Hunter-Lab	59.8644, -31.7450, 17.4466

Details

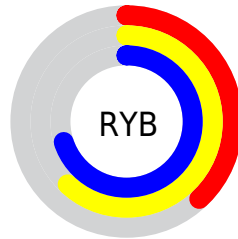
The Hex color **61B27C** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **B26197**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **98EAB1**, and **2A7D4B** is the 20% darker color. If you saturate the color by 10%, you get **4FB270**, and if you desaturate by 10%, it is **73B288**.

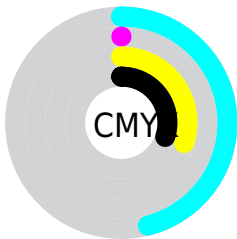
Distribution



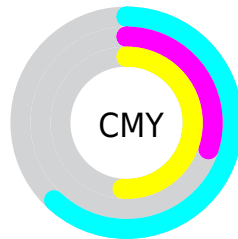
- Red (38%)
- Green (70%)
- Blue (49%)



- Red (38%)
- Yellow (62%)
- Blue (70%)



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




- Cyan (62%)
- Magenta (30%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 61B27C 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 61B27C by changing the saturation by 10% instead.

 61B27C

 61B27C

FFFFFF

 469763

 98EAB1

 2A7D4B

 B4FFCC

 036334

 D0FFE9

 004B1E

 EDFFFF

 003307

 001E00

 000000

 61B27C

 61B27C

 4FB270

 73B288

 3DB264

 85B294

 2CB258

 96B2A0

 1AB24D

 A8B2AB

 08B241

 BAB2B7

 00B23B

 CCB2C3

 DEB2CF

 EFB2DB

 FFB2E7

Harmonies

Analogous

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



90AB5F



61B27C



12B5A2

Triad

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



61B27C



68A5ED



E8877C

Complementary

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



61B27C



B26197

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.



E883A1



61B27C



A797E2

Square

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



61B27C



00AFE3



D289C6



D69260

Rectangle

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



61B27C



00B5BC



D289C6



EA8488

Sweetspot

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



61B27C



C8E8D2



97B261



617568



F5F5F5



757575

Same Dimension

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



61B27C



68E893



61B2A4



505953



009933



001A09

Inverse Universe

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



B26197



E868BE



B2616F



595056



990066



1A0011

Previews

White Background



This preview shows how the Hex color 61B27C looks on a white background.

Color Contrast Check

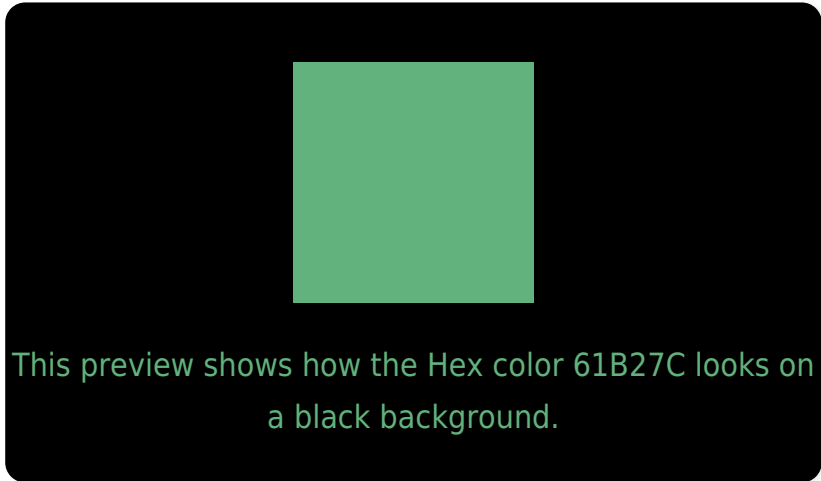
Large Text (above 18pt) WCAG AA × Fail

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 61B27C Background



This preview shows how black text looks on a background with the Hex color 61B27C.

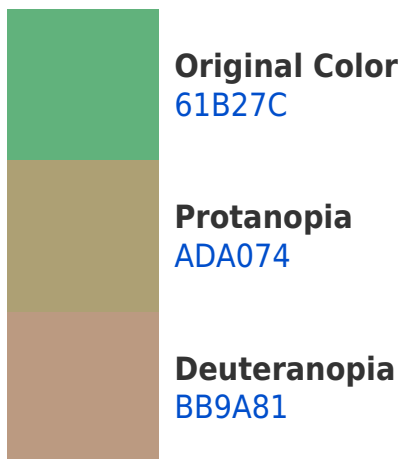


This preview shows how white text looks on a background with the Hex color 61B27C.

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](#).

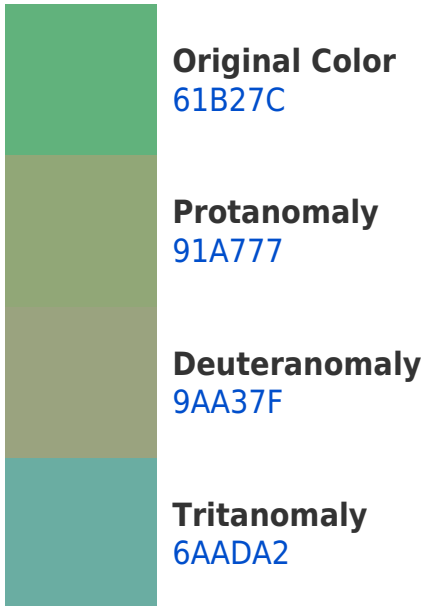
Dichromacy



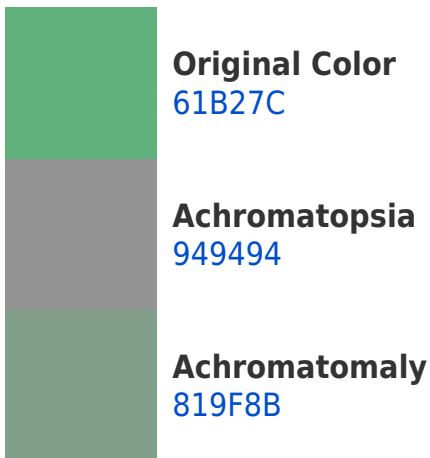


Tritanopia
6FAAB8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 61B27C 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 #61B27C looks like.

```
.text, #text, p{  
    color:#61B27C  
}
```

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 #61B27C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61B27C
}
```

Border

The CSS property to change the border of an element to Hex 61B27C 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
#61B27C }
```

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

```
.border{ border-color:#61B27C }
```

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

Here you see how a box with a 4 pixel #61B27C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61B27C; -webkit-box-shadow:4px 4px  
4px 4px #61B27C; box-shadow:4px 4px 4px  
4px #61B27C }
```

Background

The CSS property to change the background color of an element to Hex 61B27C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61B27C }
```

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

```
.background{ background-color:#61B27C }
```

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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