

Converting Colors

Hex(61B183)

Have a look what the booklet for
Hex(61B183) contains.

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Color

Hex(61B183)

Conversions

Conversions Part 1

Format	Color
Hex	61B183
RGB	97, 177, 131
RGB Percent	38%, 69%, 51%
CMY	0.6196, 0.3059, 0.4863
CMYK	0.45, 0.00, 0.26, 0.31
HSL	146°, 34%, 54%
HSV	146°, 45%, 69%
XYZ	24.7486, 35.6244, 27.0445
YIQ	147.8360, -32.9140, -31.2660

Conversions

Conversions Part 2

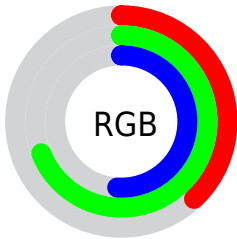
Format	Color
RYB	97, 153, 177
Decimal	6402435
CIELab	66.23, -35.17, 16.06
CIElCh	66, 38.659, 155.455
Yxy	35.6244, 0.2831, 0.4075
Android (android.graphics.Color)	4284592515 (0xFF61B183)
YUV	147.8360, -8.3001, -44.5832
Hunter-Lab	59.6861, -30.4364, 14.9153

Details

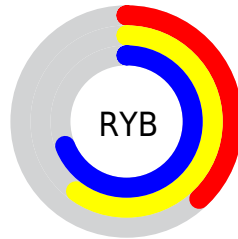
The Hex color **61B183** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **B1618F**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **97E9B8**, and **2A7C51** is the 20% darker color. If you saturate the color by 10%, you get **4FB179**, and if you desaturate by 10%, it is **73B18D**.

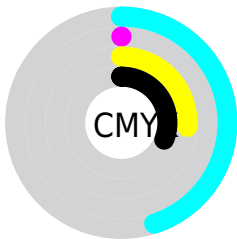
Distribution



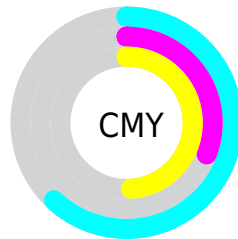
- Red (38%)
- Green (69%)
- Blue (51%)



- Red (38%)
- Yellow (60%)
- Blue (69%)



- Cyan (45%)
- Magenta (0%)
- Yellow (26%)
- Black (31%)



- Cyan (62%)
- Magenta (31%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 61B183 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 61B183 by changing the saturation by 10% instead.

 61B183

 61B183

FFFFFF

 46966A

 97E9B8

 2A7C51

 B3FFD4

 04623A

 D0FFF0

 004A24

 EDFFFF

 00320F

 001E00

 000000

 61B183

 61B183

 4FB179

 73B18D

 3EB16F

 84B197

 2CB164

 96B1A2

 1AB15A

 A8B1AC

 08B150

 BAB1B6

 00B14B

 CBB1C0

 DDB1CA

 EFB1D4

 FFB1DF

Harmonies

Analogous

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



8CAB67



61B183



28B3A6

Triad

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



61B183



78A2E6



E18A7A

Complementary

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



61B183



B1618F

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.



E3859C



61B183



AD96DA

Square

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



61B183



31ACDF



D28ABF



CF9562

Rectangle

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



61B183



00B3BE



D28ABF



E48885

Sweetspot

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



61B183



C5E6D3



90B161



5F7368



F2F2F2



737373

Same Dimension

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



61B183



6AE69E



61B1AA



505954



009941



001A0B

Inverse Universe

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



B1618F



E66AB1



B16168



595055



990058



1A000F

Previews

White Background



This preview shows how the Hex color 61B183 looks on a white background.

Color Contrast Check

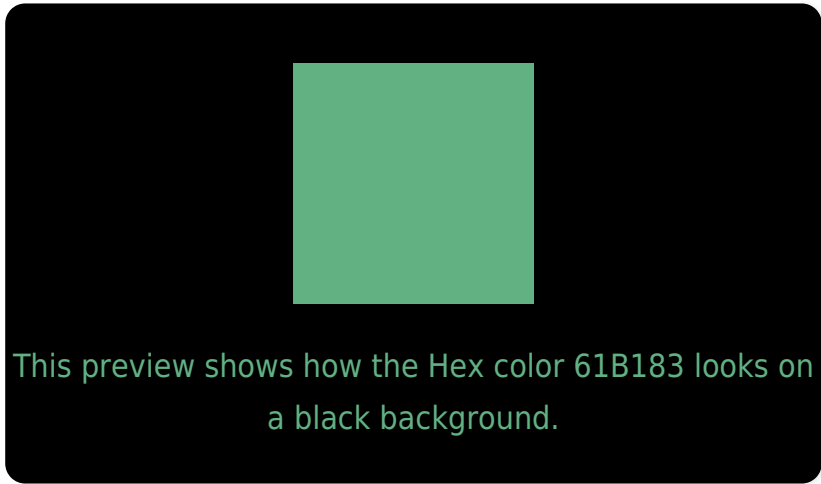
Large Text (above 18pt) WCAG AA × Fail

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

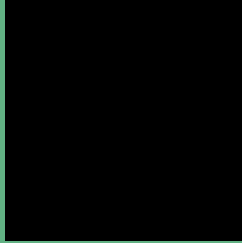
Any Text WCAG AA ✓ Pass

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 61B183 Background



This preview shows how black text looks on a background with the Hex color 61B183.

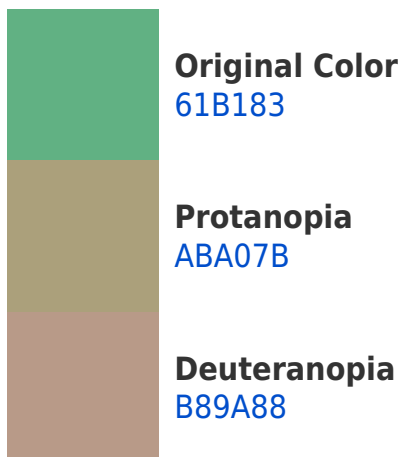


This preview shows how white text looks on a background with the Hex color 61B183.

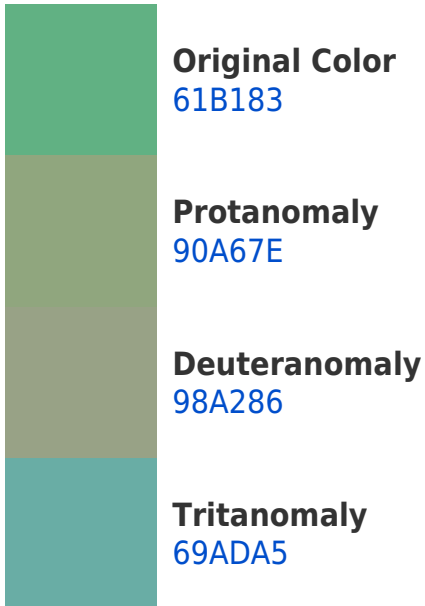
Color Blindness Simulation

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 61B183 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 #61B183 looks like.

```
.text, #text, p{  
    color:#61B183  
}
```

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 #61B183 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61B183
}
```

Border

The CSS property to change the border of an element to Hex 61B183 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
#61B183 }
```

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

```
.border{ border-color:#61B183 }
```

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

Here you see how a box with a 4 pixel #61B183 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61B183; -webkit-box-shadow:4px 4px  
4px 4px #61B183; box-shadow:4px 4px 4px  
4px #61B183 }
```

Background

The CSS property to change the background color of an element to Hex 61B183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61B183 }
```

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

```
.background{ background-color:#61B183 }
```

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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