

Converting Colors

Hex(6BD19E)

Have a look what the booklet for
Hex(6BD19E) contains.

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Color

Hex(6BD19E)

Conversions

Conversions Part 1

Format	Color
Hex	6BD19E
RGB	107, 209, 158
RGB Percent	42%, 82%, 62%
CMY	0.5804, 0.1804, 0.3804
CMYK	0.49, 0.00, 0.24, 0.18
HSL	150°, 53%, 62%
HSV	150°, 49%, 82%
XYZ	35.0354, 51.1954, 40.3829
YIQ	172.6880, -44.4210, -37.4850

Conversions

Conversions Part 2

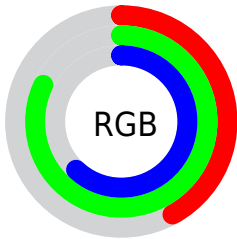
Format	Color
RYB	107, 175, 209
Decimal	7066014
CIELab	76.80, -41.48, 16.30
CIElCh	77, 44.572, 158.549
Yxy	51.1954, 0.2767, 0.4043
Android (android.graphics.Color)	4285256094 (0xFF6BD19E)
YUV	172.6880, -7.2412, -57.6084
Hunter-Lab	71.5509, -37.8103, 16.6228

Details

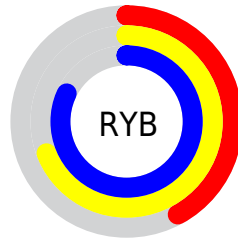
The Hex color **6BD19E** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **D16B9E**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **A4FFD5**, and **309A6A** is the 20% darker color. If you saturate the color by 10%, you get **56D194**, and if you desaturate by 10%, it is **80D1A8**.

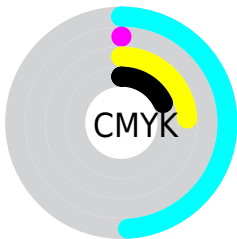
Distribution



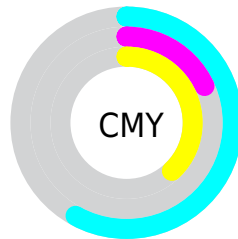
- Red (42%)
- Green (82%)
- Blue (62%)



- Red (42%)
- Yellow (69%)
- Blue (82%)



- Cyan (49%)
- Magenta (0%)
- Yellow (24%)
- Black (18%)



- Cyan (58%)
- Magenta (18%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6BD19E 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 6BD19E by changing the saturation by 10% instead.

 6BD19E

 6BD19E

FFFFFF

 4EB584

 A4FFD5

 309A6A

 C1FFF1

 007F52

 DEFFF

 00663B

 FBFFF

 004D25

 003510

 002000

 000000

 6BD19E

 6BD19E

 56D194

 80D1A8

 41D189

 95D1B3

 2CD17F

 AAD1BD

 17D174

 BFD1C8

 03D16A

 D3D1D2

 00D169

 E8D1DD

 FDD1E7

 FFD1F2

 FFD1FC

Harmonies

Analogous

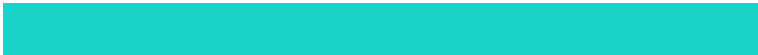
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A0CA7B



6BD19E



19D3C8

Triad

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



6BD19E



93BEFF



FFA38C

Complementary

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



6BD19E



D16B9E

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.



FF9DB3



6BD19E



D1AEFE

Square

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



6BD19E



3FCAFF



FBA1DD



F1B171

Rectangle

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



6BD19E



00D2E4



FBA1DD



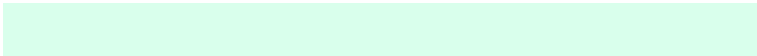
FFA098

Sweetspot

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



6BD19E



D9FFEC



9ED16B



698074



000000



808080

Same Dimension

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



6BD19E



69FFB4



6BD1D1



5E6963



00A854



002914

Inverse Universe

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



D16B9E



FF69B4



D16B6B



695E63



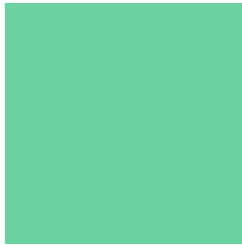
A80054



290014

Previews

White Background



This preview shows how the Hex color 6BD19E 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



This preview shows how the Hex color 6BD19E looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

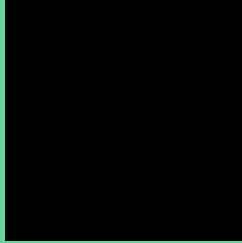
Any Text WCAG AA ✓ Pass

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 6BD19E Background



This preview shows how black text looks on a background with the Hex color 6BD19E.

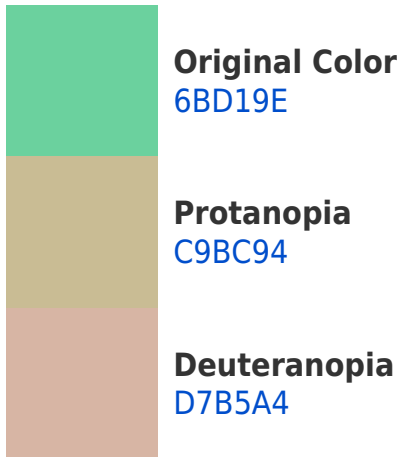


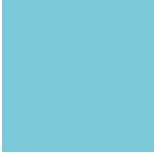
This preview shows how white text looks on a background with the Hex color 6BD19E.

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](#).

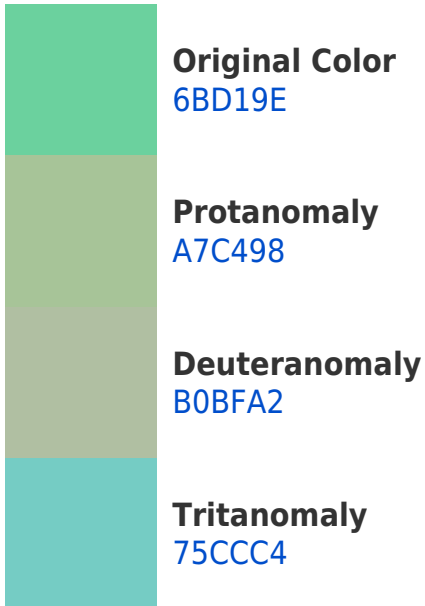
Dichromacy



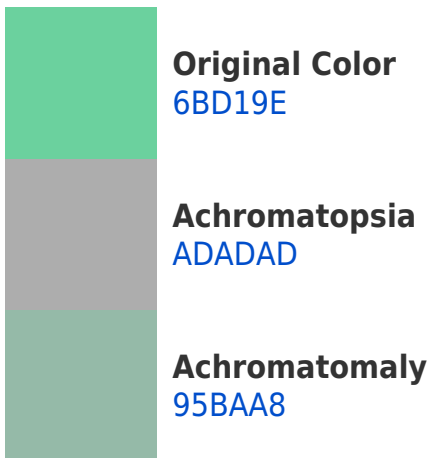


Tritanopia
7BC9D9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6BD19E 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 #6BD19E looks like.

```
.text, #text, p{  
    color:#6BD19E  
}
```

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 #6BD19E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BD19E
}
```

Border

The CSS property to change the border of an element to Hex 6BD19E 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
#6BD19E }
```

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

```
.border{ border-color:#6BD19E }
```

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

Here you see how a box with a 4 pixel #6BD19E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BD19E; -webkit-box-shadow:4px 4px  
4px 4px #6BD19E; box-shadow:4px 4px 4px  
4px #6BD19E }
```

Background

The CSS property to change the background color of an element to Hex 6BD19E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BD19E }
```

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

```
.background{ background-color:#6BD19E }
```

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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