

Converting Colors

Hex(6DAA7B)

Have a look what the booklet for
Hex(6DAA7B) contains.

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Color

Hex(6DAA7B)

Conversions

Conversions Part 1

Format	Color
Hex	6DAA7B
RGB	109, 170, 123
RGB Percent	43%, 67%, 48%
CMY	0.5725, 0.3333, 0.5176
CMYK	0.36, 0.00, 0.28, 0.33
HSL	134°, 26%, 55%
HSV	134°, 36%, 67%
XYZ	24.2566, 33.4307, 23.9132
YIQ	146.4030, -21.2690, -27.5490

Conversions

Conversions Part 2

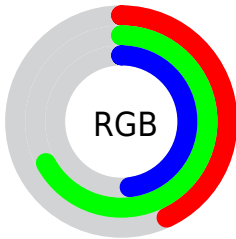
Format	Color
RYB	109, 159, 170
Decimal	7187067
CIELab	64.51, -29.87, 18.14
CIELCh	65, 34.944, 148.727
Yxy	33.4307, 0.2973, 0.4097
Android (android.graphics.Color)	4285377147 (0xFF6DAA7B)
YUV	146.4030, -11.5377, -32.8024
Hunter-Lab	57.8193, -26.2989, 15.9520

Details

The Hex color **6DAA7B** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **AA6D9C**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **A2E2B0**, and **3A754A** is the 20% darker color. If you saturate the color by 10%, you get **5CAA6E**, and if you desaturate by 10%, it is **7EAA88**.

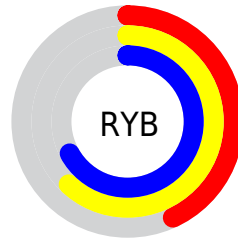
Distribution



Red (43%)

Green (67%)

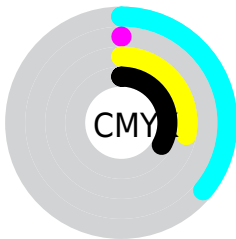
Blue (48%)



Red (43%)

Yellow (62%)

Blue (67%)

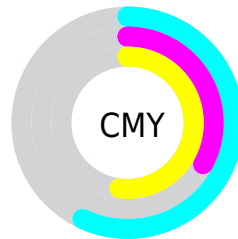


Cyan (36%)

Magenta (0%)

Yellow (28%)

Black (33%)



Cyan (57%)

Magenta (33%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6DAA7B 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 6DAA7B by changing the saturation by 10% instead.

 6DAA7B

 6DAA7B

FFFFFF

 538F62

 A2E2B0

 3A754A

 BEFECB

 205C33

 DBFFE7

 00441D

 F7FFFF

 002D06

 001800

 000000

 6DAA7B

 6DAA7B

 5CAA6E

 7EAA88

 4BAA61

 8FAA95

 3AAA54

 A0AAA2

 29AA47

 B1AAAF

 18AA3A

 C2AABC

 07AA2C

 D3AACA

 00AA27

 E4AAD7

 F5AAE4

 FFAAF1

Harmonies

Analogous

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



92A465



6DAA7B



43AD9A

Triad

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



6DAA7B



6DA0DA



D88780

Complementary

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



6DAA7B



AA6D9C

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.



D6849F



6DAA7B



9E95D3

Square

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



6DAA7B



36A8D1



C38ABD



CB8F68

Rectangle

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



6DAA7B



26ADAF



C38ABD



DA858A

Sweetspot

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



6DAA7B



C5DECB



9DAA6D



627065



F0F0F0



707070

Same Dimension

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



6DAA7B



7EDE94



6DAA99



4C544E



009422



001405

Inverse Universe

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



AA6D9C



DE7EC8



AA6D7E



544C52



940072



140010

Previews

White Background



This preview shows how the Hex color 6DAA7B looks on a white background.

Color Contrast Check

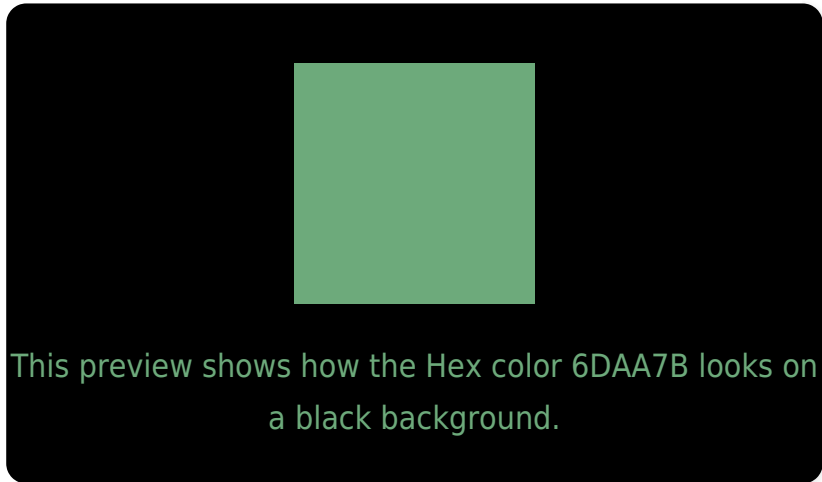
Large Text (above 18pt) WCAG AA × Fail

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 6DAA7B Background



This preview shows how black text looks on a background with the Hex color 6DAA7B.

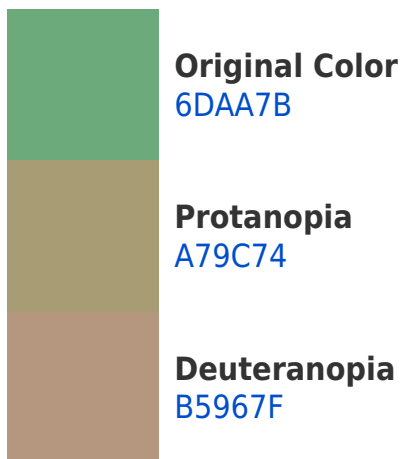


This preview shows how white text looks on a background with the Hex color 6DAA7B.

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](#).

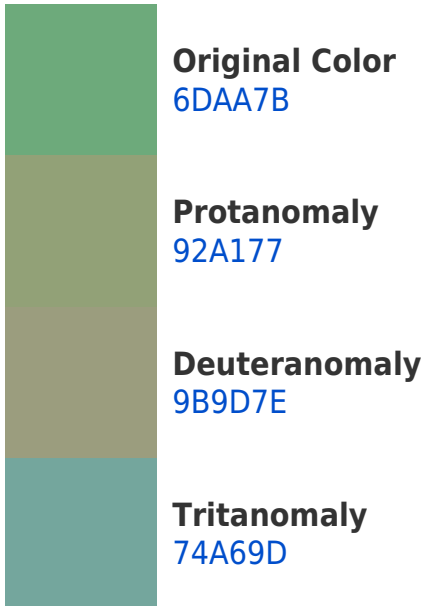
Dichromacy



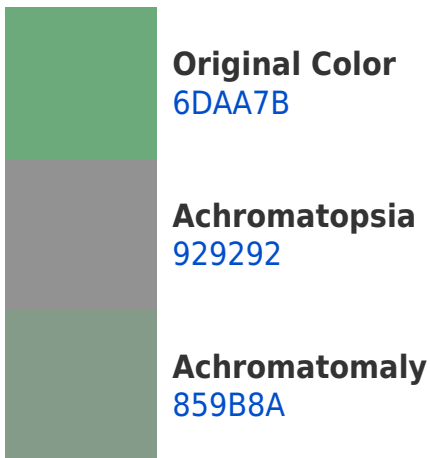


Tritanopia
78A3B0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6DAA7B 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 #6DAA7B looks like.

```
.text, #text, p{  
    color:#6DAA7B  
}
```

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 #6DAA7B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6DAA7B
}
```

Border

The CSS property to change the border of an element to Hex 6DAA7B 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
#6DAA7B }
```

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

```
.border{ border-color:#6DAA7B }
```

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

Here you see how a box with a 4 pixel #6DAA7B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6DAA7B; -webkit-box-shadow:4px 4px  
4px 4px #6DAA7B; box-shadow:4px 4px 4px  
4px #6DAA7B }
```

Background

The CSS property to change the background color of an element to Hex 6DAA7B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6DAA7B }
```

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

```
.background{ background-color:#6DAA7B }
```

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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