

Converting Colors

Hex(6DA17B)

Have a look what the booklet for
Hex(6DA17B) contains.

Hex(6DA17B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6DA17B)

Conversions

Conversions Part 1

Format	Color
Hex	6DA17B
RGB	109, 161, 123
RGB Percent	43%, 63%, 48%
CMY	0.5725, 0.3686, 0.5176
CMYK	0.32, 0.00, 0.24, 0.37
HSL	136°, 22%, 53%
HSV	136°, 32%, 63%
XYZ	22.6267, 30.1710, 23.3699
YIQ	141.1200, -18.7940, -22.8420

Conversions

Conversions Part 2

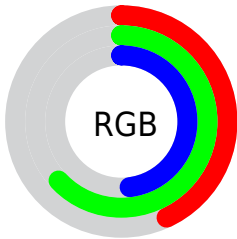
Format	Color
RYB	109, 150, 161
Decimal	7184763
CIELab	61.80, -25.47, 14.39
CIELCh	62, 29.255, 150.526
Yxy	30.1710, 0.2971, 0.3961
Android (android.graphics.Color)	4285374843 (0xFF6DA17B)
YUV	141.1200, -8.9332, -28.1692
Hunter-Lab	54.9281, -22.5943, 13.2240

Details

The Hex color **6DA17B** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A16D93**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **A2D8B0**, and **3B6D4A** is the 20% darker color. If you saturate the color by 10%, you get **5DA16F**, and if you desaturate by 10%, it is **7DA187**.

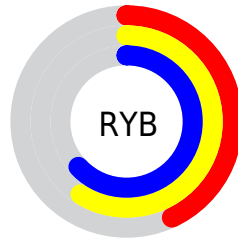
Distribution



Red (43%)

Green (63%)

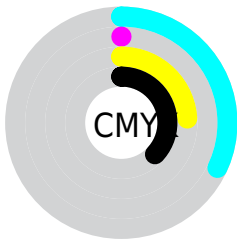
Blue (48%)



Red (43%)

Yellow (59%)

Blue (63%)

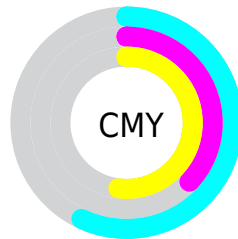


Cyan (32%)

Magenta (0%)

Yellow (24%)

Black (37%)



Cyan (57%)

Magenta (37%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6DA17B 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 6DA17B by changing the saturation by 10% instead.



6DA17B



6DA17B

FFFFFF



548762



A2D8B0



3B6D4A



BDF5CB



225433



DAFFE7



063D1E



F6FFFF



002706



000C00



000000



6DA17B



6DA17B



5DA16F



7DA187

 4DA163

 8DA193

 3DA158

 9DA19E

 2DA14C

 ADA1AA

 1DA140

 BEA1B6

 0CA134

 CEA1C2

 00A12B

 DEA1CD

 EEA1D9

 FEA1E5

Harmonies

Analogous

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



8B9C68



6DA17B



4FA395

Triad

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



6DA17B



7398C9



C8847C

Complementary

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



6DA17B



A16D93

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.



C68296



6DA17B



998EC2

Square

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



6DA17B



4D9FC2



B786AF



BC8B69

Rectangle

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



6DA17B



40A3A7



B786AF



C98284

Sweetspot

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



6DA17B



BCD1C2



93A16D



5C695F



E8E8E8



696969

Same Dimension

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



6DA17B



80D196



6DA195



49524C



009127



001205

Inverse Universe

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



A16D93



D180BB



A16D79



52494F



91006A



12000D

Previews

White Background



This preview shows how the Hex color 6DA17B looks on a white background.

Color Contrast Check

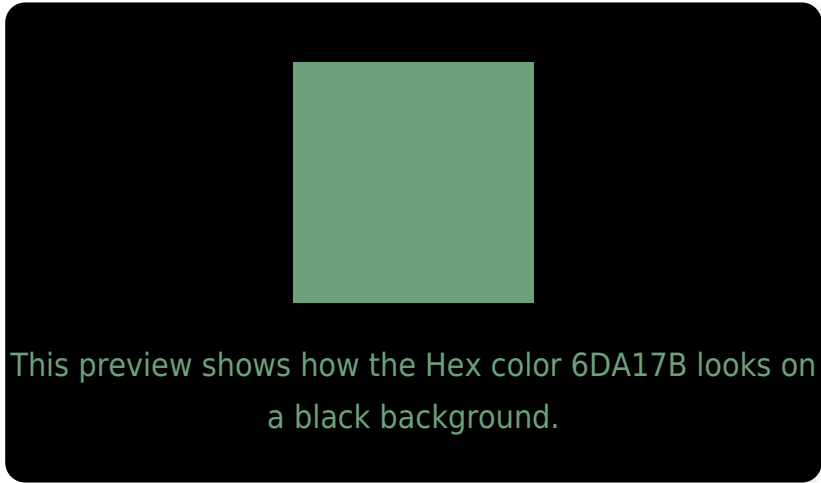
Large Text (above 18pt) WCAG AA × Fail

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

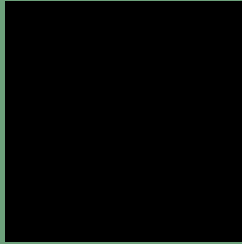
Any Text WCAG AA ✓ Pass

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 6DA17B Background



This preview shows how black text looks on a background with the Hex color 6DA17B.

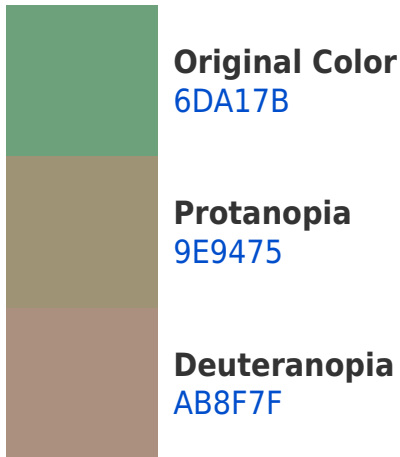


This preview shows how white text looks on a background with the Hex color 6DA17B.

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](#).

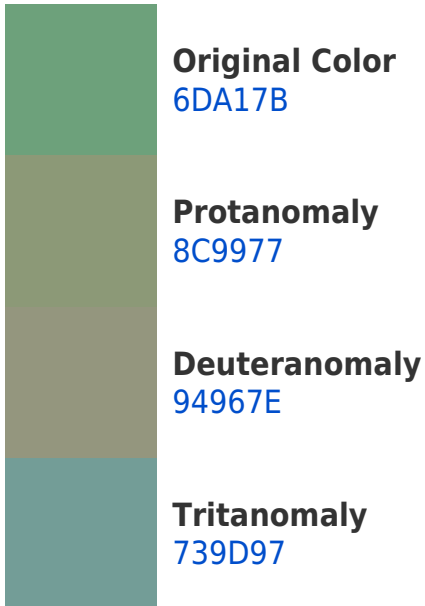
Dichromacy



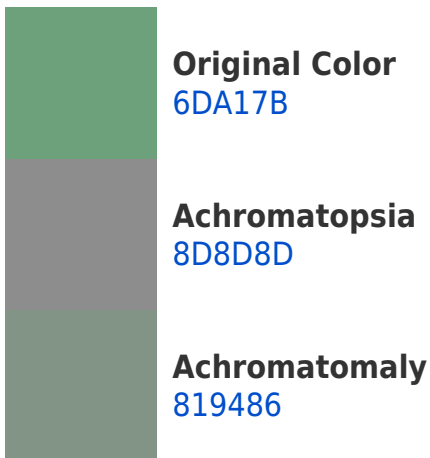


Tritanopia
769BA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6DA17B 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 #6DA17B looks like.

```
.text, #text, p{  
    color:#6DA17B  
}
```

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 #6DA17B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6DA17B
}
```

Border

The CSS property to change the border of an element to Hex 6DA17B 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
#6DA17B }
```

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

```
.border{ border-color:#6DA17B }
```

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

Here you see how a box with a 4 pixel #6DA17B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6DA17B; -webkit-box-shadow:4px 4px  
4px 4px #6DA17B; box-shadow:4px 4px 4px  
4px #6DA17B }
```

Background

The CSS property to change the background color of an element to Hex 6DA17B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6DA17B }
```

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

```
.background{ background-color:#6DA17B }
```

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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