

Converting Colors

Hex(6DC18B)

Have a look what the booklet for
Hex(6DC18B) contains.

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Color

Hex(6DC18B)

Conversions

Conversions Part 1

Format	Color
Hex	6DC18B
RGB	109, 193, 139
RGB Percent	43%, 76%, 55%
CMY	0.5725, 0.2431, 0.4549
CMYK	0.44, 0.00, 0.28, 0.24
HSL	141°, 40%, 59%
HSV	141°, 44%, 76%
XYZ	30.0368, 43.2552, 31.1921
YIQ	161.7280, -32.7300, -34.6020

Conversions

Conversions Part 2

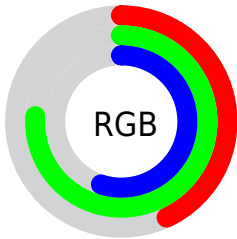
Format	Color
RYB	109, 171, 193
Decimal	7192971
CIELab	71.73, -37.57, 19.41
CIELCh	72, 42.285, 152.673
Yxy	43.2552, 0.2875, 0.4140
Android (android.graphics.Color)	4285383051 (0xFF6DC18B)
YUV	161.7280, -11.2049, -46.2425
Hunter-Lab	65.7687, -33.5735, 17.9187

Details

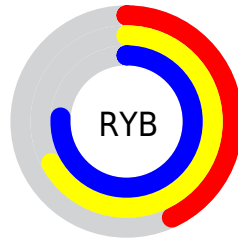
The Hex color **6DC18B** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **C16DA3**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **A4FAC1**, and **368B59** is the 20% darker color. If you saturate the color by 10%, you get **5AC17F**, and if you desaturate by 10%, it is **80C197**.

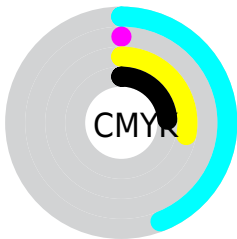
Distribution



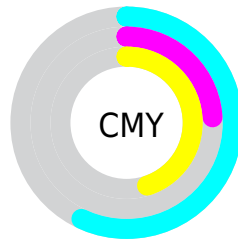
- Red (43%)
- Green (76%)
- Blue (55%)



- Red (43%)
- Yellow (67%)
- Blue (76%)



- Cyan (44%)
- Magenta (0%)
- Yellow (28%)
- Black (24%)



- Cyan (57%)
- Magenta (24%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6DC18B 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 6DC18B by changing the saturation by 10% instead.



6DC18B



6DC18B

FFFFFF



52A671



A4FAC1



368B59



C0FFDD



167141



DDFFF9



00582A



FBFFFF



004015



002900



000C00



000000



6DC18B



6DC18B

■ 5AC17F

■ 80C197

■ 46C172

■ 94C1A4

■ 33C166

■ A7C1B0

■ 20C159

■ BAC1BD

■ 0DC14D

■ CEC1C9

■ 00C145

■ E1C1D5

■ F4C1E2

■ FFC1EE

■ FFC1FB

Harmonies

Analogous

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



9DBA6D



6DC18B



2CC4B2

Triad

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



6DC18B



7BB2FC



F89588

Complementary

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



6DC18B



C16DA3

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.



F891AE



6DC18B



B8A4F1

Square

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



6DC18B



22BDF3



E397D4



E5A16C

Rectangle

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



6DC18B



00C4CC



E397D4



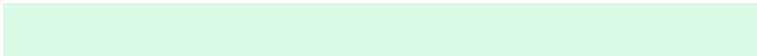
FA9394

Sweetspot

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



6DC18B



D9FAE5



A4C16D



697D70



FCFCFC



7D7D7D

Same Dimension

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



6DC18B



78FAA6



6DC1B4



57615B



00A139



00210C

Inverse Universe

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



C16DA3



FA78CB



C16D7A



61575D



A10067



210015

Previews

White Background



This preview shows how the Hex color 6DC18B 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 6DC18B looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

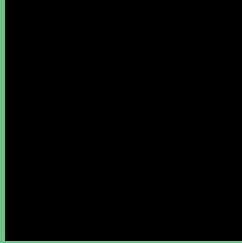
Any Text WCAG AA ✓ Pass

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 6DC18B Background



This preview shows how black text looks on a background with the Hex color 6DC18B.

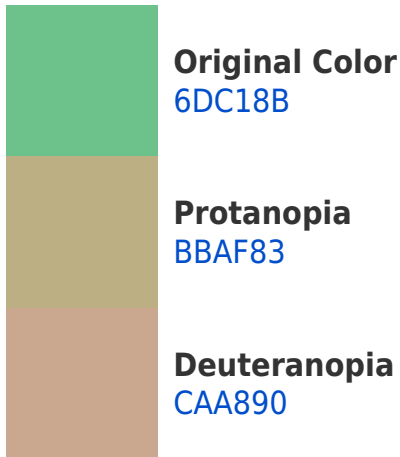


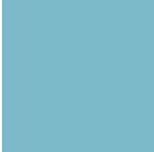
This preview shows how white text looks on a background with the Hex color 6DC18B.

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](#).

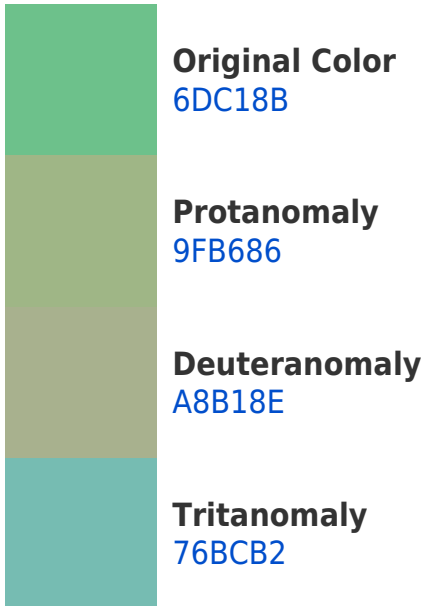
Dichromacy



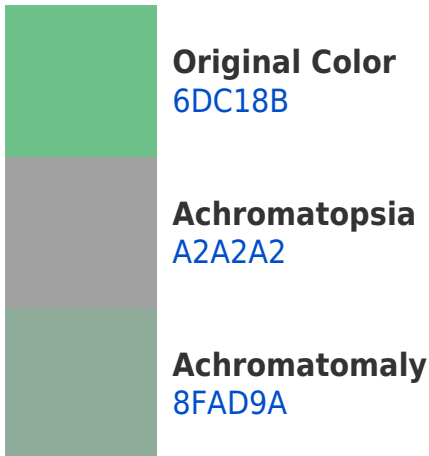


Tritanopia
7BB9C8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6DC18B 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 #6DC18B looks like.

```
.text, #text, p{  
    color:#6DC18B  
}
```

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 #6DC18B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6DC18B
}
```

Border

The CSS property to change the border of an element to Hex 6DC18B 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
#6DC18B }
```

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

```
.border{ border-color:#6DC18B }
```

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

Here you see how a box with a 4 pixel #6DC18B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6DC18B; -webkit-box-shadow:4px 4px  
4px 4px #6DC18B; box-shadow:4px 4px 4px  
4px #6DC18B }
```

Background

The CSS property to change the background color of an element to Hex 6DC18B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6DC18B }
```

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

```
.background{ background-color:#6DC18B }
```

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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