

Converting Colors

Hex(63D18B)

Have a look what the booklet for
Hex(63D18B) contains.

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Color

Hex(63D18B)

Conversions

Conversions Part 1

Format	Color
Hex	63D18B
RGB	99, 209, 139
RGB Percent	39%, 82%, 55%
CMY	0.6118, 0.1804, 0.4549
CMYK	0.53, 0.00, 0.33, 0.18
HSL	142°, 54%, 60%
HSV	142°, 53%, 82%
XYZ	32.6063, 50.1177, 32.3812
YIQ	168.1300, -43.0900, -45.0900

Conversions

Conversions Part 2

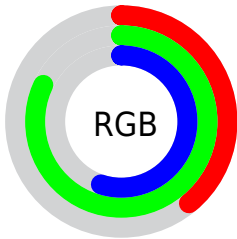
Format	Color
RYB	99, 180, 209
Decimal	6541707
CIELab	76.14, -47.14, 25.37
CIELCh	76, 53.534, 151.716
Yxy	50.1177, 0.2833, 0.4354
Android (android.graphics.Color)	4284731787 (0xFF63D18B)
YUV	168.1300, -14.3611, -60.6270
Hunter-Lab	70.7938, -41.6756, 22.4363

Details

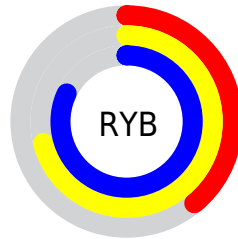
The Hex color **63D18B** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **D163A9**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **9DFFC1**, and **239A58** is the 20% darker color. If you saturate the color by 10%, you get **4ED17E**, and if you desaturate by 10%, it is **78D198**.

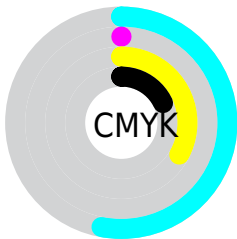
Distribution



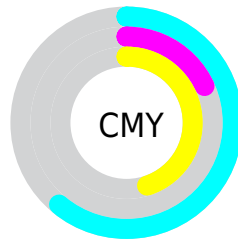
- Red (39%)
- Green (82%)
- Blue (55%)



- Red (39%)
- Yellow (71%)
- Blue (82%)



- Cyan (53%)
- Magenta (0%)
- Yellow (33%)
- Black (18%)



- Cyan (61%)
- Magenta (18%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 63D18B 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 63D18B by changing the saturation by 10% instead.

 63D18B

 63D18B

FFFFFF

 45B571


 9DFFC1

 239A58

 B9FFDD

 007F40

 D7FFFA

 006529

 F5FFFF

 004C13

 003400

 001E00

 000000

 63D18B

 63D18B

 4ED17E

 78D198

 39D170

 8DD1A6

 24D163

 A2D1B3

 0FD156

 B7D1C0

 00D14C

 CCD1CD

 E0D1DB

 F5D1E8

 FFD1F5

 FFD1FF

Harmonies

Analogous

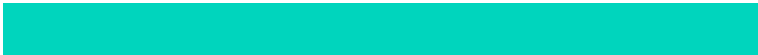
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A4C864



63D18B



00D5BD

Triad

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



63D18B



69C0FF



FF988A

Complementary

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



63D18B



D163A9

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.



FF92BB



63D18B



C3AEFF

Square

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



63D18B



00CFFF



FB9BEB



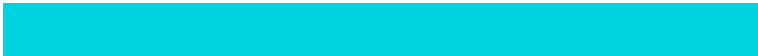
FEA865

Rectangle

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



63D18B



00D5DF



FB9BEB



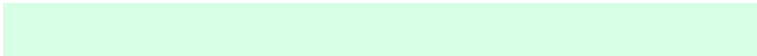
FF949A

Sweetspot

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



63D18B



D6FFE5



ABD163



678070



000000



808080

Same Dimension

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



63D18B



5EFF99



63D1C0



5E6962



00A83D



00290F

Inverse Universe

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



D163A9



FF5EC5



D16374



695E65



A8006B



29001A

Previews

White Background



This preview shows how the Hex color 63D18B 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 63D18B looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

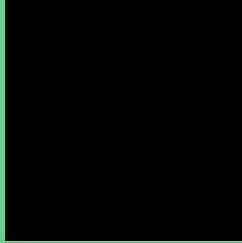
Any Text WCAG AA ✓ Pass

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 63D18B Background



This preview shows how black text looks on a background with the Hex color 63D18B.

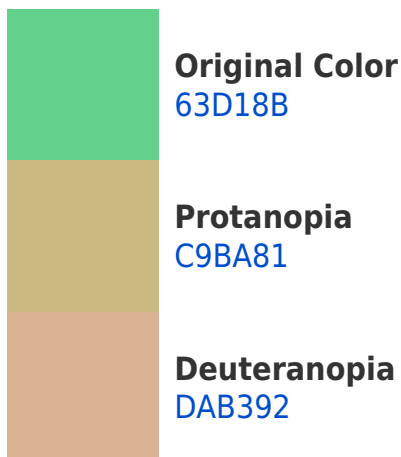


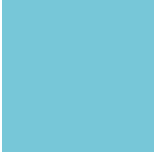
This preview shows how white text looks on a background with the Hex color 63D18B.

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](#).

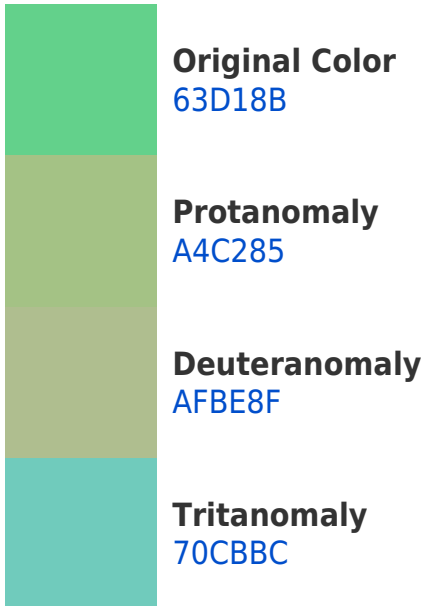
Dichromacy



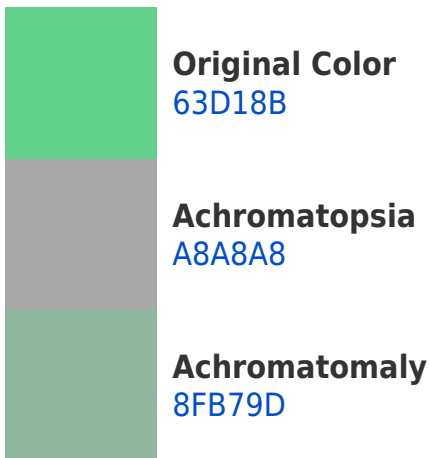


Tritanopia
77C7D8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 63D18B 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 #63D18B looks like.

```
.text, #text, p{  
    color:#63D18B  
}
```

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 #63D18B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63D18B
}
```

Border

The CSS property to change the border of an element to Hex 63D18B 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
#63D18B }
```

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

```
.border{ border-color:#63D18B }
```

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

Here you see how a box with a 4 pixel #63D18B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63D18B; -webkit-box-shadow:4px 4px  
4px 4px #63D18B; box-shadow:4px 4px 4px  
4px #63D18B }
```

Background

The CSS property to change the background color of an element to Hex 63D18B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63D18B }
```

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

```
.background{ background-color:#63D18B }
```

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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