

Converting Colors

Hex(6DCB81)

Have a look what the booklet for
Hex(6DCB81) contains.

Hex(6DCB81)	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(6DCB81)

Conversions

Conversions Part 1

Format	Color
Hex	6DCB81
RGB	109, 203, 129
RGB Percent	43%, 80%, 51%
CMY	0.5725, 0.2039, 0.4941
CMYK	0.46, 0.00, 0.36, 0.20
HSL	133°, 47%, 61%
HSV	133°, 46%, 80%
XYZ	31.6251, 47.5481, 28.2798
YIQ	166.4580, -32.2700, -42.9420

Conversions

Conversions Part 2

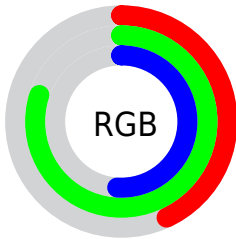
Format	Color
RYB	109, 187, 203
Decimal	7195521
CIELab	74.54, -43.78, 28.50
CIELCh	75, 52.239, 146.941
Yxy	47.5481, 0.2943, 0.4425
Android (android.graphics.Color)	4285385601 (0xFF6DCB81)
YUV	166.4580, -18.4668, -50.3907
Hunter-Lab	68.9551, -38.8055, 23.9526

Details

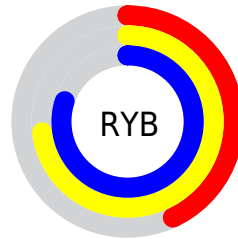
The Hex color **6DCB81** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **CB6DB7**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **A5FFB6**, and **34944F** is the 20% darker color. If you saturate the color by 10%, you get **59CB71**, and if you desaturate by 10%, it is **81CB91**.

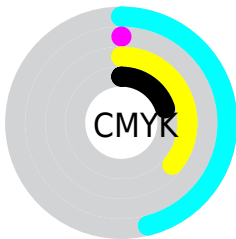
Distribution



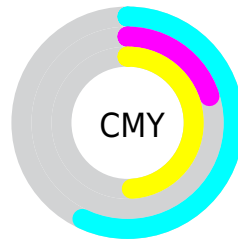
- Red (43%)
- Green (80%)
- Blue (51%)



- Red (43%)
- Yellow (73%)
- Blue (80%)



- Cyan (46%)
- Magenta (0%)
- Yellow (36%)
- Black (20%)



- Cyan (57%)
- Magenta (20%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6DCB81 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 6DCB81 by changing the saturation by 10% instead.

 6DCB81

 6DCB81

FFFFFF

 51AF67


 A5FFB6

 34944F

 C2FFD2

 0D7A37

 DFFFEF

 006020

 FCFFFF

 004808

 003000

 001900

 000000

 6DCB81

 6DCB81

 59CB71

 81CB91

 44CB61

 96CBA1

 30CB51

 AACBB1

 1CCB41

 BECBC1

 08CB31

 D3CBD1

 00CB2B

 E7CBE1

 FBCBF1

 FFCBFF

Harmonies

Analogous

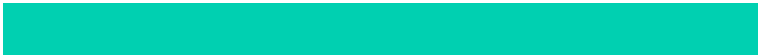
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A8C25E



6DCB81



00D0B1

Triad

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



6DCB81



54BEFF



FF938E

Complementary

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



6DCB81



CB6DB7

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.



FF8FBE



6DCB81



B3ADFF

Square

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



6DCB81



00CAFF



EE9AEC



FDA268

Rectangle

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



6DCB81



00D0D2



EE9AEC



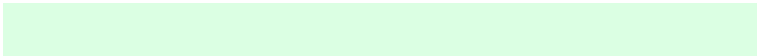
FF909E

Sweetspot

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



6DCB81



DBFFE3



B8CB6D



6A806E



000000



808080

Same Dimension

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



6DCB81



70FF8F



6DCBAF



5C665E



00A623



002608

Inverse Universe

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



CB6DB7



FF70E1



CB6D89



665C64



A60082



26001E

Previews

White Background



This preview shows how the Hex color 6DCB81 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 6DCB81 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

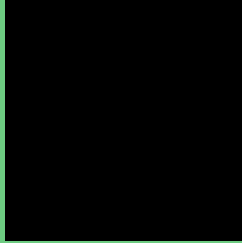
Any Text WCAG AA ✓ Pass

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 6DCB81 Background



This preview shows how black text looks on a background with the Hex color 6DCB81.

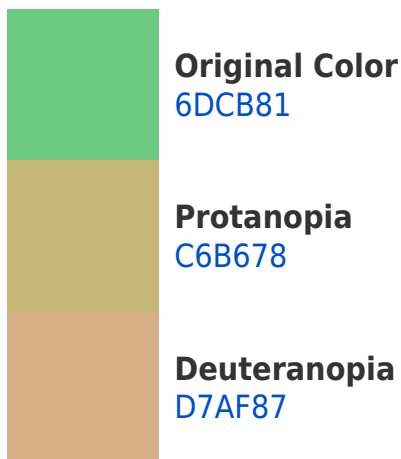


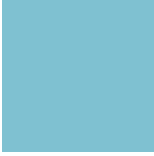
This preview shows how white text looks on a background with the Hex color 6DCB81.

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
7FC1D1

Trichromacy



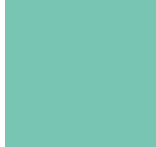
Original Color
6DCB81



Protanomaly
A6BE7B



Deuteranomaly
B0B985



Tritanomaly
78C5B4

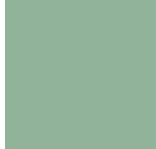
Monochromacy



Original Color
6DCB81



Achromatopsia
A6A6A6



Achromatomaly
91B399

CSS Examples

Text

The CSS property to change the color of the text to Hex 6DCB81 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 #6DCB81 looks like.

```
.text, #text, p{  
    color:#6DCB81  
}
```

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 #6DCB81 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6DCB81
}
```

Border

The CSS property to change the border of an element to Hex 6DCB81 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
#6DCB81 }
```

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

```
.border{ border-color:#6DCB81 }
```

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

Here you see how a box with a 4 pixel #6DCB81 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6DCB81; -webkit-box-shadow:4px 4px  
4px 4px #6DCB81; box-shadow:4px 4px 4px  
4px #6DCB81 }
```

Background

The CSS property to change the background color of an element to Hex 6DCB81 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6DCB81 }
```

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

```
.background{ background-color:#6DCB81 }
```

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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