

Converting Colors

Hex(6DC8A5)

Have a look what the booklet for
Hex(6DC8A5) contains.

Hex(6DC8A5)	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(6DC8A5)

Conversions

Conversions Part 1

Format	Color
Hex	6DC8A5
RGB	109, 200, 165
RGB Percent	43%, 78%, 65%
CMY	0.5725, 0.2157, 0.3529
CMYK	0.45, 0.00, 0.17, 0.22
HSL	157°, 45%, 61%
HSV	157°, 46%, 78%
XYZ	33.7525, 47.2764, 42.9436
YIQ	168.8010, -43.0010, -30.1770

Conversions

Conversions Part 2

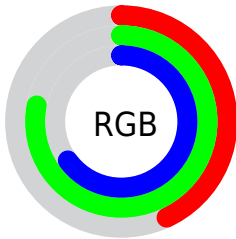
Format	Color
RYB	109, 165, 200
Decimal	7194789
CIELab	74.37, -35.44, 9.13
CIElCh	74, 36.595, 165.547
Yxy	47.2764, 0.2723, 0.3813
Android (android.graphics.Color)	4285384869 (0xFF6DC8A5)
YUV	168.8010, -1.8739, -52.4455
Hunter-Lab	68.7578, -32.7024, 11.1001

Details

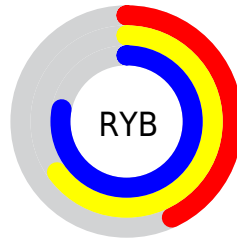
The Hex color **6DC8A5** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **C86D90**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **A5FFDC**, and **349171** is the 20% darker color. If you saturate the color by 10%, you get **59C89D**, and if you desaturate by 10%, it is **81C8AD**.

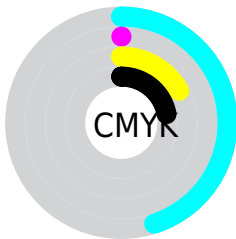
Distribution



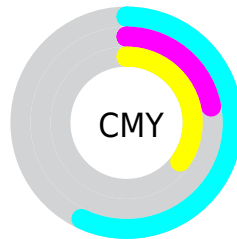
- Red (43%)
- Green (78%)
- Blue (65%)



- Red (43%)
- Yellow (65%)
- Blue (78%)



- Cyan (45%)
- Magenta (0%)
- Yellow (17%)
- Black (22%)



- Cyan (57%)
- Magenta (22%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6DC8A5 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 6DC8A5 by changing the saturation by 10% instead.



6DC8A5



6DC8A5

FFFFFF



51AC8B



A5FFDC



349171



C1FFF9



107759



DEFFFF



005E41



FCFFFF



00462B



002E17



001800



000000



6DC8A5




6DC8A5

 59C89D

 81C8AD

 45C896

 95C8B4

 31C88E

 A9C8BC

 1DC886

 BDC8C4

 09C87F

 D1C8CB

 00C87B

 E5C8D3

 F9C8DB

 FFC8E3

 FFC8EA

Harmonies

Analogous

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



96C387



6DC8A5



46C9C8

Triad

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



6DC8A5



A4B4F7



F2A488

Complementary

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



6DC8A5



C86D90

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.



F99EA6



6DC8A5



D1A8E6

Square

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



6DC8A5



6EBFF7



EF9FC9



DCAF76

Rectangle

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



6DC8A5



3BC8DD



EF9FC9



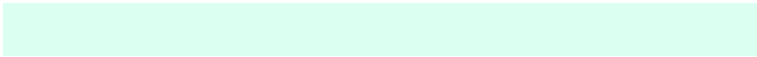
F6A191

Sweetspot

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



6DC8A5



DBFFF1



91C86D



6A8077



000000



808080

Same Dimension

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



6DC8A5



73FFC9



6DBFC8



5A6360



00A364



002416

Inverse Universe

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



C86D90



FF73A9



C8766D



635A5D



A3003F



24000E

Previews

White Background



This preview shows how the Hex color 6DC8A5 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 6DC8A5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

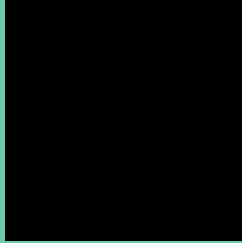
Any Text WCAG AA ✓ Pass

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 6DC8A5 Background



This preview shows how black text looks on a background with the Hex color 6DC8A5.

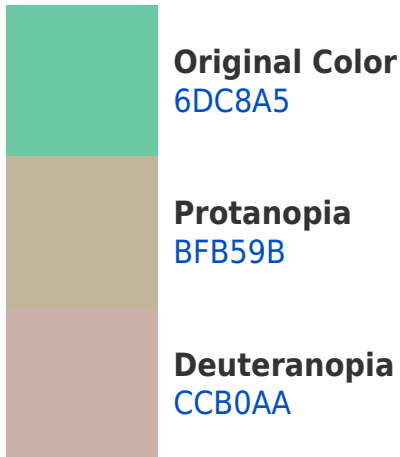


This preview shows how white text looks on a background with the Hex color 6DC8A5.

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
79C2D1

Trichromacy



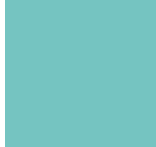
Original Color
6DC8A5



Protanomaly
A1BC9F



Deuteranomaly
A9B9A8

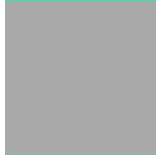


Tritanomaly
75C4C1

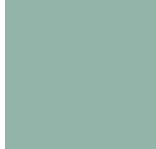
Monochromacy



Original Color
6DC8A5



Achromatopsia
A9A9A9



Achromatomaly
93B4A8

CSS Examples

Text

The CSS property to change the color of the text to Hex 6DC8A5 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 #6DC8A5 looks like.

```
.text, #text, p{  
    color:#6DC8A5  
}
```

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 #6DC8A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6DC8A5  
}
```

Border

The CSS property to change the border of an element to Hex 6DC8A5 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  
#6DC8A5 }
```

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

```
.border{ border-color:#6DC8A5 }
```

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

Here you see how a box with a 4 pixel #6DC8A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6DC8A5; -webkit-box-shadow:4px 4px  
4px 4px #6DC8A5; box-shadow:4px 4px 4px  
4px #6DC8A5 }
```

Background

The CSS property to change the background color of an element to Hex 6DC8A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6DC8A5 }
```

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

```
.background{ background-color:#6DC8A5 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor