

Converting Colors

Hex(6DC888)

Have a look what the booklet for
Hex(6DC888) contains.

Hex(6DC888)	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(6DC888)

Conversions

Conversions Part 1

Format	Color
Hex	6DC888
RGB	109, 200, 136
RGB Percent	43%, 78%, 53%
CMY	0.5725, 0.2157, 0.4667
CMYK	0.45, 0.00, 0.32, 0.22
HSL	138°, 45%, 61%
HSV	138°, 46%, 78%
XYZ	31.4049, 46.3373, 30.5813
YIQ	165.4950, -33.6920, -39.1960

Conversions

Conversions Part 2

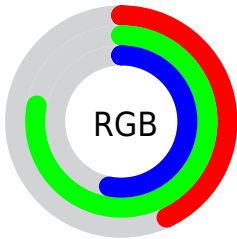
Format	Color
RYB	109, 179, 200
Decimal	7194760
CIELab	73.76, -41.25, 23.79
CIELCh	74, 47.616, 150.027
Yxy	46.3373, 0.2899, 0.4278
Android (android.graphics.Color)	4285384840 (0xFF6DC888)
YUV	165.4950, -14.5410, -49.5461
Hunter-Lab	68.0715, -36.7740, 21.0139

Details

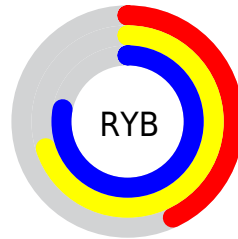
The Hex color **6DC888** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **C86DAD**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **A5FFBE**, and **359156** is the 20% darker color. If you saturate the color by 10%, you get **59C87A**, and if you desaturate by 10%, it is **81C896**.

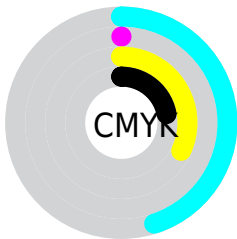
Distribution



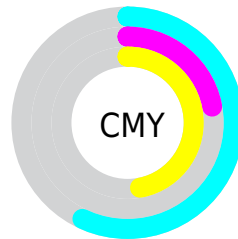
- Red (43%)
- Green (78%)
- Blue (53%)



- Red (43%)
- Yellow (70%)
- Blue (78%)



- Cyan (45%)
- Magenta (0%)
- Yellow (32%)
- Black (22%)



- Cyan (57%)
- Magenta (22%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6DC888 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 6DC888 by changing the saturation by 10% instead.

 6DC888

 6DC888


FFFFFF

 51AC6E

 A5FFBE

 359156

 C1FFDA

 11773E

 DEFFF6

 005E27

 FCFFF6

 004511

 002E00

 001600

 000000

 6DC888

 6DC888

 59C87A

 81C896

 45C86C

 95C8A4

 31C85E

 A9C8B2

 1DC850

 BDC8C0

 09C842

 D1C8CE

 00C83B

 E5C8DC

 F9C8EA

 FFC8F9

 FFC8FF

Harmonies

Analogous

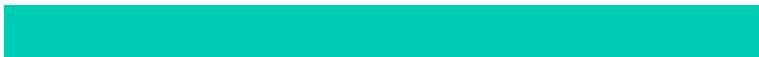
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A3C067



6DC888



00CCB4

Triad

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



6DC888



6DBAFF



FF968C

Complementary

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



6DC888



C86DAD

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.



FF92B7



6DC888



B9AAFF

Square

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



6DC888



00C5FF



EC9AE2



F3A36A

Rectangle

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



6DC888



00CCD2



EC9AE2



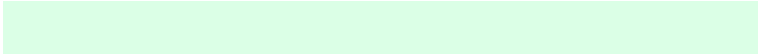
FF939A

Sweetspot

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



6DC888



DBFFE6



AEC86D



6A8070



000000



808080

Same Dimension

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



6DC888



73FF9C



6DC8B4



5A635C



00A330



00240B

Inverse Universe

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



C86DAD



FF73D5



C86D81



635A60



A30073



240019

Previews

White Background



This preview shows how the Hex color 6DC888 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 6DC888 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

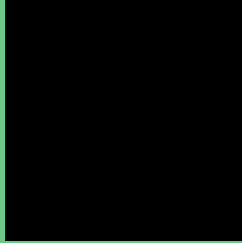
Any Text WCAG AA ✓ Pass

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 6DC888 Background



This preview shows how black text looks on a background with the Hex color 6DC888.

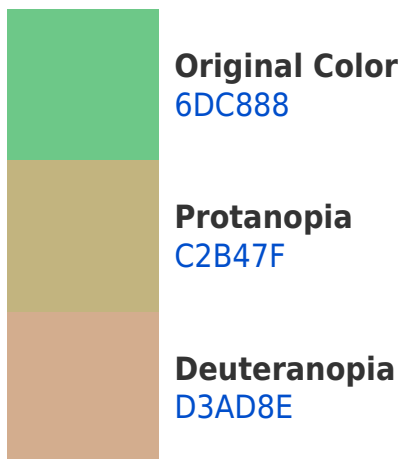


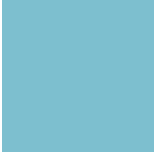
This preview shows how white text looks on a background with the Hex color 6DC888.

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](#).

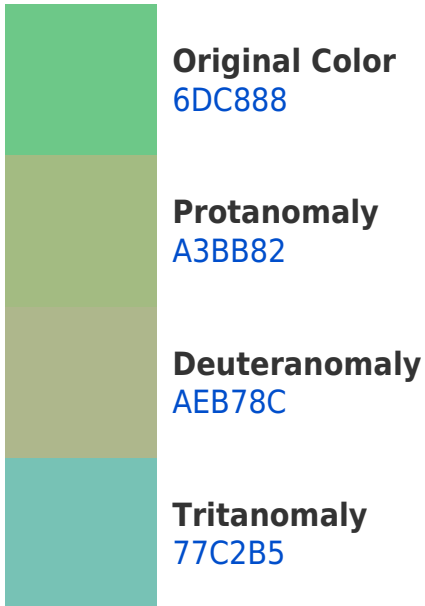
Dichromacy



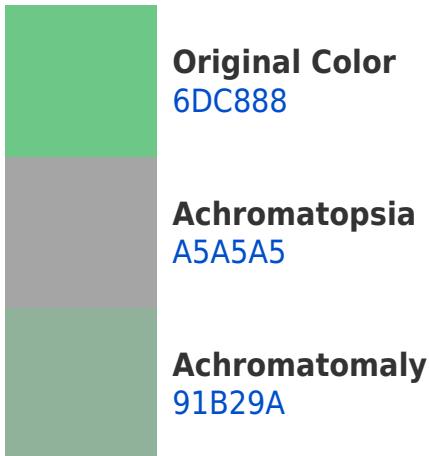


Tritanopia
7DBFCF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6DC888 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 #6DC888 looks like.

```
.text, #text, p{  
    color:#6DC888  
}
```

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 #6DC888 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6DC888  
}
```

Border

The CSS property to change the border of an element to Hex 6DC888 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  
#6DC888 }
```

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

```
.border{ border-color:#6DC888 }
```

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

Here you see how a box with a 4 pixel #6DC888 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6DC888; -webkit-box-shadow:4px 4px  
4px 4px #6DC888; box-shadow:4px 4px 4px  
4px #6DC888 }
```

Background

The CSS property to change the background color of an element to Hex 6DC888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6DC888 }
```

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

```
.background{ background-color:#6DC888 }
```

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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