

Converting Colors

Hex(6DC58C)

Have a look what the booklet for
Hex(6DC58C) contains.

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Color

Hex(6DC58C)

Conversions

Conversions Part 1

Format	Color
Hex	6DC58C
RGB	109, 197, 140
RGB Percent	43%, 77%, 55%
CMY	0.5725, 0.2275, 0.4510
CMYK	0.45, 0.00, 0.29, 0.23
HSL	141°, 43%, 60%
HSV	141°, 45%, 77%
XYZ	31.0066, 45.0772, 31.8775
YIQ	164.1900, -34.1510, -36.3830

Conversions

Conversions Part 2

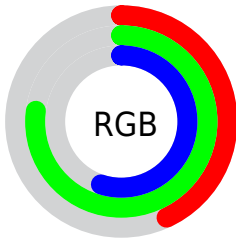
Format	Color
RYB	109, 174, 197
Decimal	7193996
CIELab	72.94, -39.18, 20.55
CIELCh	73, 44.237, 152.323
Yxy	45.0772, 0.2872, 0.4175
Android (android.graphics.Color)	4285384076 (0xFF6DC58C)
YUV	164.1900, -11.9257, -48.4016
Hunter-Lab	67.1395, -35.0588, 18.8471

Details

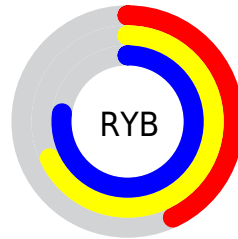
The Hex color **6DC58C** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **C56DA6**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **A4FEC2**, and **358F5A** is the 20% darker color. If you saturate the color by 10%, you get **59C57F**, and if you desaturate by 10%, it is **81C599**.

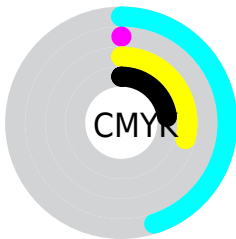
Distribution



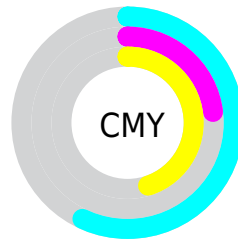
- Red (43%)
- Green (77%)
- Blue (55%)



- Red (43%)
- Yellow (68%)
- Blue (77%)



- Cyan (45%)
- Magenta (0%)
- Yellow (29%)
- Black (23%)



- Cyan (57%)
- Magenta (23%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6DC58C 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 6DC58C by changing the saturation by 10% instead.

 6DC58C

 6DC58C

FFFFFF

 52A972

 A4FEC2

 358F5A

 C1FFDE

 137442

 DEFFFA

 005B2B

 FBFFFF

 004315

 002C00

 001200

 000000

 6DC58C

 6DC58C

■ 59C57F

■ 81C599

■ 46C572

■ 94C5A6

■ 32C566

■ A8C5B2

■ 1EC559

■ BCC5BF

■ 0BC54C

■ D0C5CC

■ 00C545

■ E3C5D9

■ F7C5E5

■ FFC5F2

■ FFC5FF

Harmonies

Analogous

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



9FBD6D



6DC58C



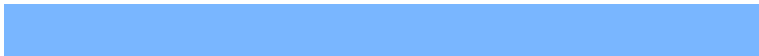
21C8B5

Triad

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



6DC58C



79B6FF



FE978A

Complementary

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



6DC58C



C56DA6

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.



FF92B1



6DC58C



BBA7F8

Square

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



6DC58C



00C1FA



E899D9



EBA36C

Rectangle

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



6DC58C



00C8D0



E899D9



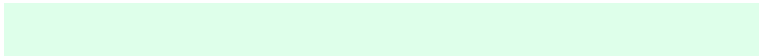
FF9496

Sweetspot

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



6DC58C



DEFFEA



A6C56D



6B8072



000000



808080

Same Dimension

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



6DC58C



75FFA6



6DC5B8



5A635D



00A339



00240D

Inverse Universe

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



C56DA6



FF75CE



C56D7A



635A60



A3006A



240017

Previews

White Background



This preview shows how the Hex color 6DC58C 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 6DC58C looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

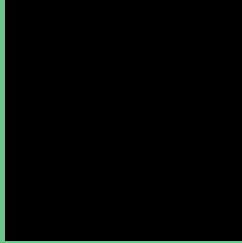
Any Text WCAG AA ✓ Pass

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 6DC58C Background



This preview shows how black text looks on a background with the Hex color 6DC58C.

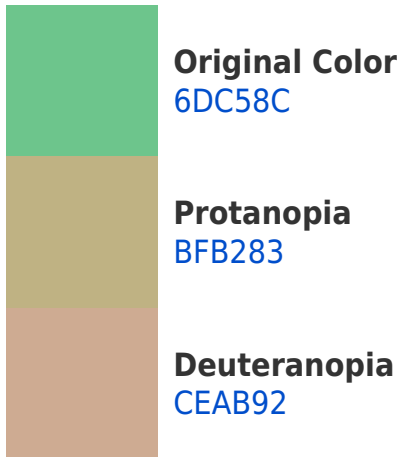


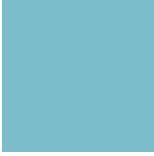
This preview shows how white text looks on a background with the Hex color 6DC58C.

Color Blindness Simulation

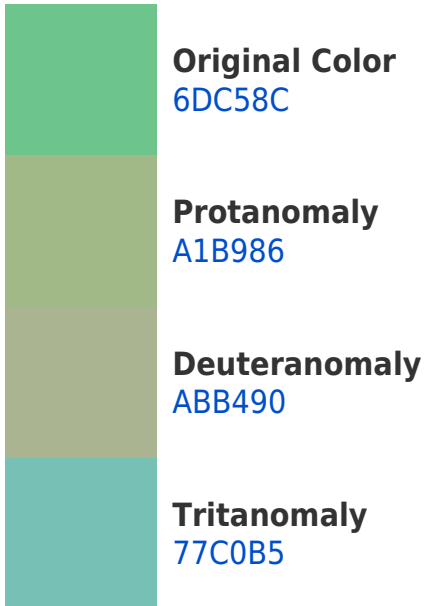
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

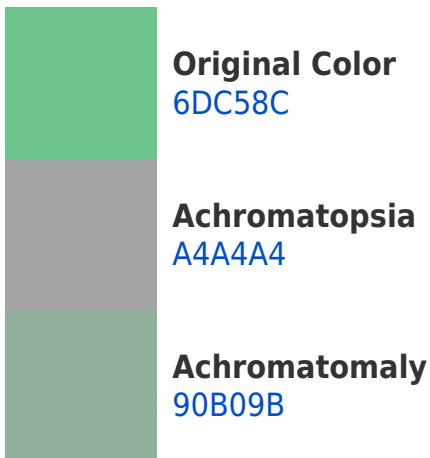




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6DC58C 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 #6DC58C looks like.

```
.text, #text, p{  
    color:#6DC58C  
}
```

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 #6DC58C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6DC58C
}
```

Border

The CSS property to change the border of an element to Hex 6DC58C 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
#6DC58C }
```

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

```
.border{ border-color:#6DC58C }
```

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

Here you see how a box with a 4 pixel #6DC58C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6DC58C; -webkit-box-shadow:4px 4px  
4px 4px #6DC58C; box-shadow:4px 4px 4px  
4px #6DC58C }
```

Background

The CSS property to change the background color of an element to Hex 6DC58C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6DC58C }
```

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

```
.background{ background-color:#6DC58C }
```

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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