

# Converting Colors

Hex(6DCC78)

Have a look what the booklet for  
Hex(6DCC78) contains.

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**Color**

**Hex(6DCC78)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>                 |
|---------------|------------------------------|
| Hex           | 6DCC78                       |
| RGB           | 109, 204, 120                |
| RGB Percent   | 43%, 80%, 47%                |
| CMY           | 0.5725, 0.2000, 0.5294       |
| CMYK          | 0.47, 0.00, 0.41, 0.20       |
| HSL           | 127°, 48%, 61%               |
| HSV           | 127°, 47%, 80%               |
| XYZ           | 31.2897, 47.7930, 25.3451    |
| YIQ           | 166.0190, -29.6560, -46.2640 |

# Conversions

## Conversions Part 2

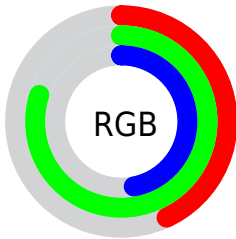
| <b>Format</b>                       | <b>Color</b>                    |
|-------------------------------------|---------------------------------|
| <b>RYB</b>                          | 109, 194, 204                   |
| Decimal                             | 7195768                         |
| CIELab                              | 74.69, -45.68, 33.34            |
| CIELCh                              | 75, 56.553, 143.876             |
| Yxy                                 | 47.7930, 0.2996,<br>0.4577      |
| Android<br>(android.graphics.Color) | 4285385848<br>(0xFF6DCC78)      |
| YUV                                 | 166.0190, -22.6874,<br>-50.0057 |
| Hunter-Lab                          | 69.1325, -40.1919,<br>26.6560   |

# Details

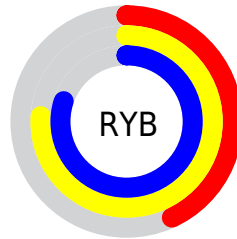
The Hex color **6DCC78** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **CC6DC1**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **A5FFAD**, and **339546** is the 20% darker color. If you saturate the color by 10%, you get **59CC66**, and if you desaturate by 10%, it is **81CC8A**.

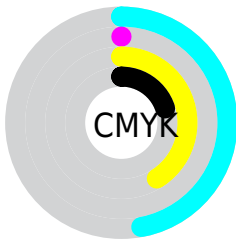
# Distribution



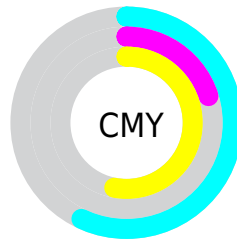
- Red (43%)
- Green (80%)
- Blue (47%)



- Red (43%)
- Yellow (76%)
- Blue (80%)



- Cyan (47%)
- Magenta (0%)
- Yellow (41%)
- Black (20%)



- Cyan (57%)
- Magenta (20%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6DCC78 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 6DCC78 by changing the saturation by 10% instead.



 6DCC78

 6DCC78

FFFFFF

 51B05F

 A5FFAD

 339546

 C2FFC9

 0B7B2E

 DFFFE5

 006116

FDFFFF

 004800

 003100

 001900

 000000

 6DCC78

 6DCC78

 59CC66

 81CC8A

 44CC54

 96CC9C

 30CC42

 AACCAE

 1BCC30

 BFCCC0

 07CC1E

 D3CCD2

 00CC18

 E7CCE4

 FCCCF6

 FFCCFF

# Harmonies

## Analogous

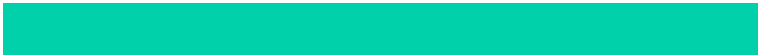
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



ADC154



6DCC78



00D1AB

# Triad

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



6DCC78



25C1FF



FF8E91

# Complementary

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



6DCC78



CC6DC1

# 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.



FF8CC5



6DCC78



AAAEFF

# Square

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



6DCC78



00CCFF



EE9AF6



FF9E65

# Rectangle

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



6DCC78



00D2CF



EE9AF6



FF8BA2

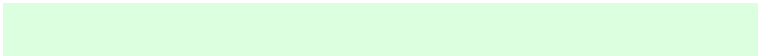


# Sweetspot

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



6DCC78



DBFFDF



C3CC6D



6A806C



000000



808080



# Same Dimension

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



6DCC78



70FF81



6DCCA6



5C665D



00A613



002604



# Inverse Universe

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



CC6DC1



FF70EE



CC6D93



665C65



A60093



260022



# Previews

## White Background



This preview shows how the Hex color 6DCC78 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 6DCC78 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

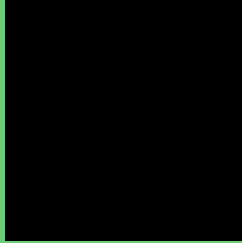
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6DCC78 Background



This preview shows how black text looks on a background with the Hex color 6DCC78.

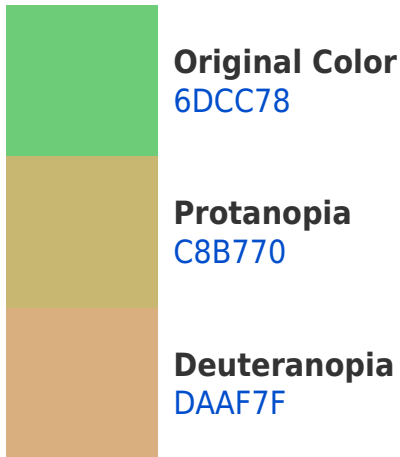


This preview shows how white text looks on a background with the Hex color 6DCC78.

# 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**  
80C2D1

# Trichromacy



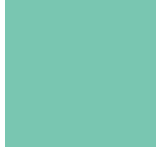
**Original Color**  
6DCC78



**Protanomaly**  
A7BF73



**Deuteranomaly**  
B2BA7C



**Tritanomaly**  
79C6B1

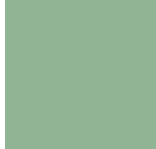
# Monochromacy



**Original Color**  
6DCC78



**Achromatopsia**  
A6A6A6



**Achromatomaly**  
91B495

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6DCC78 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 #6DCC78 looks like.

```
.text, #text, p{  
    color:#6DCC78  
}
```

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 #6DCC78 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6DCC78
}
```

## Border

The CSS property to change the border of an element to Hex 6DCC78 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
#6DCC78 }
```

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

```
.border{ border-color:#6DCC78 }
```

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

Here you see how a box with a 4 pixel #6DCC78 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6DCC78; -webkit-box-shadow:4px 4px  
4px 4px #6DCC78; box-shadow:4px 4px 4px  
4px #6DCC78 }
```

# Background

The CSS property to change the background color of an element to Hex 6DCC78 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6DCC78 }
```

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

```
.background{ background-color:#6DCC78 }
```

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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