

# Converting Colors

Hex(6DC848)

Have a look what the booklet for  
Hex(6DC848) contains.

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**Color**

**Hex(6DC848)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6DC848
RGB	109, 200, 72
RGB Percent	43%, 78%, 28%
CMY	0.5725, 0.2157, 0.7176
CMYK	0.45, 0.00, 0.64, 0.22
HSL	103°, 54%, 53%
HSV	103°, 64%, 78%
XYZ	28.1307, 45.0276, 13.3395
YIQ	158.1990, -13.1480, -59.1000

# Conversions

## Conversions Part 2

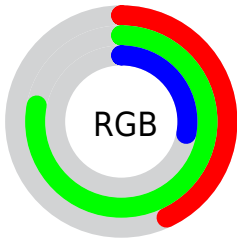
Format	Color
<a href="#">RYB</a>	<a href="#">72, 200, 163</a>
Decimal	<a href="#">7194696</a>
CIELab	<a href="#">72.91, -50.02, 53.96</a>
CIElCh	<a href="#">73, 73.581, 132.832</a>
Yxy	<a href="#">45.0276, 0.3252, 0.5206</a>
Android (android.graphics.Color)	<a href="#">4285384776 (0xFF6DC848)</a>
YUV	<a href="#">158.1990, -42.4961, -43.1475</a>
Hunter-Lab	<a href="#">67.1026, -42.5992, 35.1855</a>

# Details

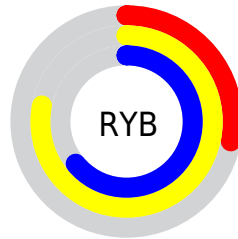
The Hex color **6DC848** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted chartreuse. A complement of this color would be **A348C8**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **A6FF7E**, and **319109** is the 20% darker color. If you saturate the color by 10%, you get **5FC834**, and if you desaturate by 10%, it is **7BC85C**.

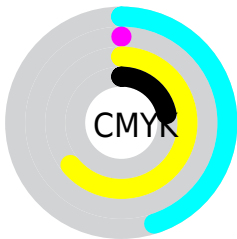
# Distribution



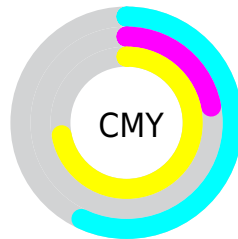
- Red (43%)
- Green (78%)
- Blue (28%)



- Red (28%)
- Yellow (78%)
- Blue (64%)



- Cyan (45%)
- Magenta (0%)
- Yellow (64%)
- Black (22%)



- Cyan (57%)
- Magenta (22%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6DC848 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 6DC848 by changing the saturation by 10% instead.




 6DC848

 6DC848


FFFFFF

 50AC2C

 A6FF7E

 319109

 C3FF99

 017700

 E1FFB5

 005D00

 FFFFD1

 004500

 FFFFEE

 002E00

 001200

 000000

 6DC848

 6DC848

 5FC834

 7BC85C

 51C820

 89C870

 42C80C

 98C884

 3AC800

 A6C898

 B4C8AC

 C2C8C0

 D1C8D4

 DFC8E8

 EDC8FC

# Harmonies

## Analogous

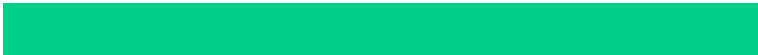
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



B9B914



6DC848



00D089

# Triad

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



6DC848



00C5FF



FF7199

# Complementary

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



6DC848



A348C8

# 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.



FF78DC



6DC848



5CB1FF

# Square

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



6DC848



00D0FF



DB94FF



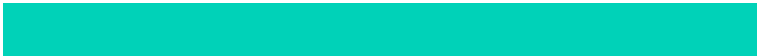
FF855A

# Rectangle

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



6DC848



00D2B8



DB94FF



FF70AF

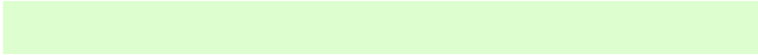


# Sweetspot

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



6DC848



DFFCF



C8A248



6B8062



000000



808080



# Same Dimension

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



6DC848



73FF3B



48C862



5C635A



2FA300



0A2400



# Inverse Universe

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



A348C8



C63BFF



C848AE



615A63



7400A3



190024



# Previews

## White Background



This preview shows how the Hex color 6DC848 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 6DC848 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 6DC848 Background



This preview shows how black text looks on a background with the Hex color 6DC848.



This preview shows how white text looks on a background with the Hex color 6DC848.

# 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



**Original Color**  
6DC848

**Protanopia**  
C7B242

**Deuteranopia**  
DCA952



**Tritanopia**  
84BBCA

# Trichromacy



**Original Color**  
6DC848



**Protanomaly**  
A6BA44



**Deuteranomaly**  
B4B44E



**Tritanomaly**  
7CC09B

# Monochromacy



**Original Color**  
6DC848



**Achromatopsia**  
9E9E9E



**Achromatomaly**  
8CAD7F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6DC848 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 #6DC848 looks like.

```
.text, #text, p{  
    color:#6DC848  
}
```

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 #6DC848 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6DC848
}
```

## Border

The CSS property to change the border of an element to Hex 6DC848 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
#6DC848 }
```

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

```
.border{ border-color:#6DC848 }
```

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

Here you see how a box with a 4 pixel #6DC848 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6DC848; -webkit-box-shadow:4px 4px  
4px 4px #6DC848; box-shadow:4px 4px 4px  
4px #6DC848 }
```

# Background

The CSS property to change the background color of an element to Hex 6DC848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6DC848 }
```

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

```
.background{ background-color:#6DC848 }
```

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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