

# Converting Colors

Hex(C6D475)

Have a look what the booklet for  
Hex(C6D475) contains.

<b>Hex(C6D475)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(C6D475)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C6D475
RGB	198, 212, 117
RGB Percent	78%, 83%, 46%
CMY	0.2235, 0.1686, 0.5412
CMYK	0.07, 0.00, 0.45, 0.17
HSL	69°, 52%, 65%
HSV	69°, 45%, 83%
XYZ	50.0431, 60.3771, 25.8460
YIQ	196.9840, 22.1510, -32.5130

# Conversions

## Conversions Part 2

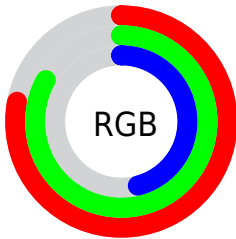
<b>Format</b>	<b>Color</b>
<b>RYB</b>	117, 212, 131
Decimal	13030517
CIELab	82.04, -18.85, 45.20
CIELCh	82, 48.979, 112.641
Yxy	60.3771, 0.3672, 0.4431
Android (android.graphics.Color)	4291220597 (0xFFC6D475)
YUV	196.9840, -39.4321, 0.8910
Hunter-Lab	77.7027, -21.0199, 34.6704

# Details

The Hex color **C6D475** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **8375D4**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **FFFFAB**, and **8E9D42** is the 20% darker color. If you saturate the color by 10%, you get **C3D460**, and if you desaturate by 10%, it is **C9D48A**.

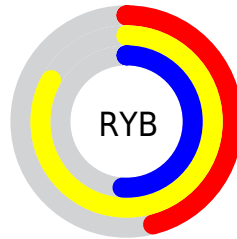
# Distribution



Red (78%)

Green (83%)

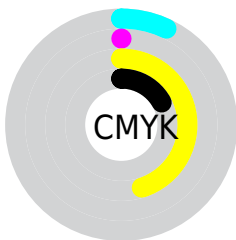
Blue (46%)



Red (46%)

Yellow (83%)

Blue (51%)

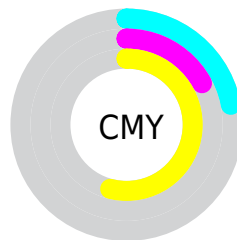


Cyan (7%)

Magenta (0%)

Yellow (45%)

Black (17%)



Cyan (22%)

Magenta (17%)

Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C6D475 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 C6D475 by changing the saturation by 10% instead.



 C6D475

FFFFFF

 FFFFAB

 FFFFC7

 FFFFE3

 C6D475

 AAB85B

 8E9D42

 748328

 5A6A0B

 405200

 283B00

 0E2500

 000E00

 000000

 C6D475

 C6D475

 C3D460

 C9D48A

 C0D44B

 CCD49F

 BDD435

 CFD4B5

 BAD420

 D2D4CA

 B6D40B

 D6D4DF

 B5D400

 D9D4F4

 DCD4FF

 DFD4FF

 E2D4FF

# Harmonies

## Analogous

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



F3C570



C6D475



90DE93

# Triad

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



C6D475



00DFFF



FFA8D9

# Complementary

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



C6D475



8375D4

# 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.



FBB3FF



C6D475



6CD4FF

# Square

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



C6D475



00E4EE



C0C4FF



FFA9AB

# Rectangle

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



C6D475



65E2AF



C0C4FF



FFABE9

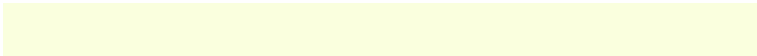


# Sweetspot

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



C6D475



FAFFDE



D48275



7C806B



000000



808080



# Same Dimension

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



C6D475



EBFF75



98D475



6A6B60



92AB00



252B00



# Inverse Universe

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



8375D4



8A75FF



B175D4



62606B



1900AB



06002B



# Previews

## White Background



This preview shows how the Hex color C6D475 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 C6D475 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

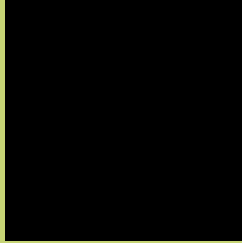
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C6D475 Background



This preview shows how black text looks on a background with the Hex color C6D475.

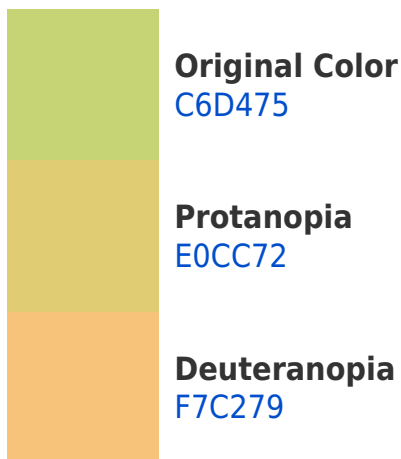


This preview shows how white text looks on a background with the Hex color C6D475.

# 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**  
D2C9D8

# Trichromacy



**Original Color**  
C6D475

**Protanomaly**  
D7CF73

**Deuteranomaly**  
E5C978

**Tritanomaly**  
CECDB4

# Monochromacy



**Original Color**  
C6D475

**Achromatopsia**  
C5C5C5

**Achromatomaly**  
C5CAA8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C6D475 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 #C6D475 looks like.

```
.text, #text, p{  
    color:#C6D475  
}
```

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 #C6D475 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C6D475
}
```

## Border

The CSS property to change the border of an element to Hex C6D475 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
#C6D475 }
```

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

```
.border{ border-color:#C6D475 }
```

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

Here you see how a box with a 4 pixel #C6D475 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C6D475; -webkit-box-shadow:4px 4px  
4px 4px #C6D475; box-shadow:4px 4px 4px  
4px #C6D475 }
```

# Background

The CSS property to change the background color of an element to Hex C6D475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C6D475 }
```

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

```
.background{ background-color:#C6D475 }
```

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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