

# Converting Colors

Hex(6DC574)

Have a look what the booklet for  
Hex(6DC574) contains.

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**Color**

**Hex(6DC574)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6DC574
RGB	109, 197, 116
RGB Percent	43%, 77%, 45%
CMY	0.5725, 0.2275, 0.5451
CMYK	0.45, 0.00, 0.41, 0.23
HSL	125°, 43%, 60%
HSV	125°, 45%, 77%
XYZ	29.4253, 44.4447, 23.5508
YIQ	161.4540, -26.4470, -43.8470

# Conversions

## Conversions Part 2

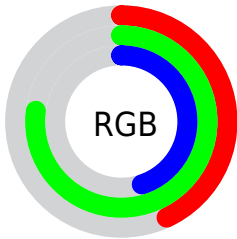
Format	Color
<a href="#">RYB</a>	<a href="#">109, 191, 197</a>
Decimal	<a href="#">7193972</a>
CIELab	<a href="#">72.52, -43.33, 32.57</a>
CIElCh	<a href="#">73, 54.207, 143.064</a>
Yxy	<a href="#">44.4447, 0.3020, 0.4562</a>
Android (android.graphics.Color)	<a href="#">4285384052 (0xFF6DC574)</a>
YUV	<a href="#">161.4540, -22.4088, -46.0022</a>
Hunter-Lab	<a href="#">66.6668, -37.8809, 25.7219</a>

# Details

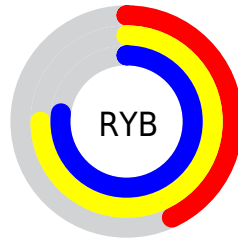
The Hex color **6DC574** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **C56DBE**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **A5FEA9**, and **358E42** is the 20% darker color. If you saturate the color by 10%, you get **59C562**, and if you desaturate by 10%, it is **81C586**.

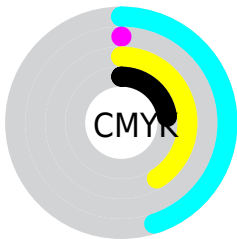
# Distribution



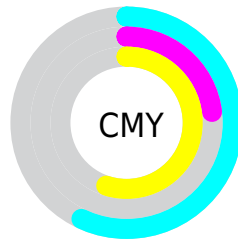
- Red (43%)
- Green (77%)
- Blue (45%)



- Red (43%)
- Yellow (75%)
- Blue (77%)



- Cyan (45%)
- Magenta (0%)
- Yellow (41%)
- Black (23%)



- Cyan (57%)
- Magenta (23%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6DC574 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 6DC574 by changing the saturation by 10% instead.





6DC574



6DC574

FFFFFF



51A95B



A5FEA9



358E42



C1FFC4



11742A



DEFFE1



005B12



FCFFFE



004200



002C00



001000



000000



6DC574



6DC574

 59C562

 81C586

 46C550

 94C598

 32C53E

 A8C5AA

 1EC52B

 BCC5BD

 0BC519

 D0C5CF

 00C510

 E3C5E1

 F7C5F3

 FFC5FF

# Harmonies

## Analogous

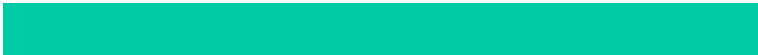
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A9BB52



6DC574



00CAA4

# Triad

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



6DC574



26BBFF



FF8A8E

# Complementary

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



6DC574



C56DBE

# 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.



FF89C0



6DC574



A2A9FF

# Square

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



6DC574



00C6FF



E496EE



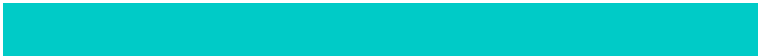
FD9964

# Rectangle

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



6DC574



00CBC7



E496EE



FF889E

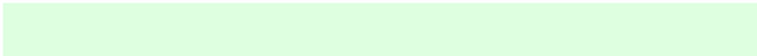


# Sweetspot

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



6DC574



DEFFE0



BFC56D



6B806D



000000



808080



# Same Dimension

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



6DC574



75FF80



6DC59F



5A635A



00A30D



002403



# Inverse Universe

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



C56DBE



FF75F4



C56D93



635A63



A30096



240021



# Previews

## White Background



This preview shows how the Hex color 6DC574 looks on a white background.

## Color Contrast Check

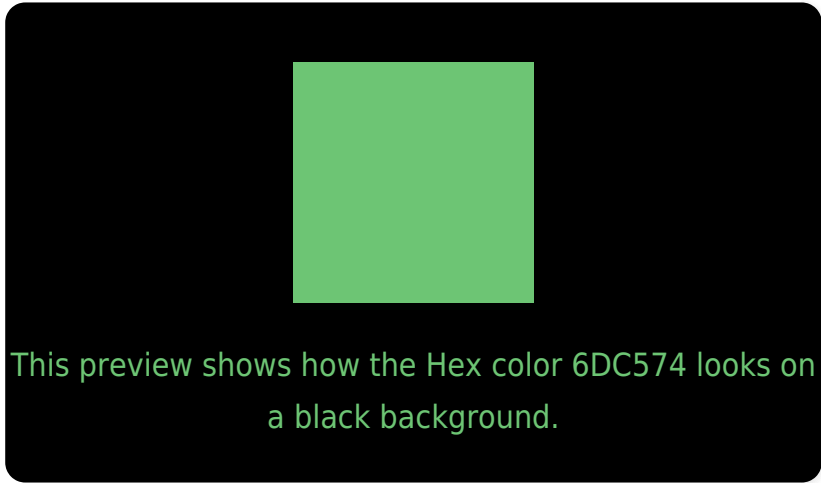
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

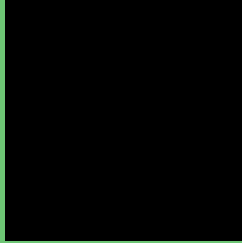
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 6DC574 Background



This preview shows how black text looks on a background with the Hex color 6DC574.

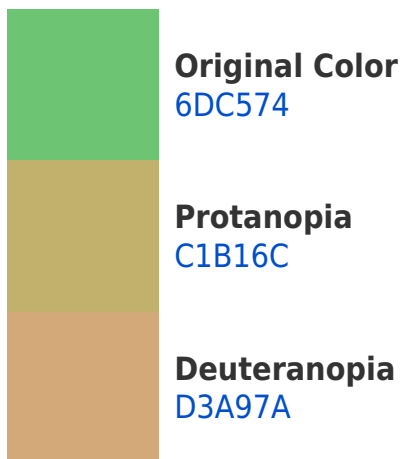


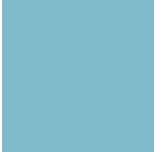
This preview shows how white text looks on a background with the Hex color 6DC574.

# 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**  
7FBBCA

# Trichromacy



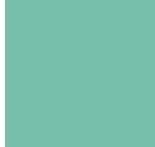
**Original Color**  
6DC574



**Protanomaly**  
A2B86F



**Deuteranomaly**  
AEB378



**Tritanomaly**  
78BFAB

# Monochromacy



**Original Color**  
6DC574



**Achromatopsia**  
A1A1A1



**Achromatomaly**  
8EAE91

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6DC574 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 #6DC574 looks like.

```
.text, #text, p{  
    color:#6DC574  
}
```

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 #6DC574 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6DC574
}
```

## Border

The CSS property to change the border of an element to Hex 6DC574 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
#6DC574 }
```

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

```
.border{ border-color:#6DC574 }
```

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

Here you see how a box with a 4 pixel #6DC574 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6DC574; -webkit-box-shadow:4px 4px  
4px 4px #6DC574; box-shadow:4px 4px 4px  
4px #6DC574 }
```

# Background

The CSS property to change the background color of an element to Hex 6DC574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6DC574 }
```

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

```
.background{ background-color:#6DC574 }
```

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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