

# Converting Colors

Hex(6ACE64)

Have a look what the booklet for  
Hex(6ACE64) contains.

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# Color

**Hex(6ACE64)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6ACE64
RGB	106, 206, 100
RGB Percent	42%, 81%, 39%
CMY	0.5843, 0.1922, 0.6078
CMYK	0.49, 0.00, 0.51, 0.19
HSL	117°, 52%, 60%
HSV	117°, 51%, 81%
XYZ	30.3154, 48.1269, 19.7482
YIQ	164.0160, -25.5740, -54.1660

# Conversions

## Conversions Part 2

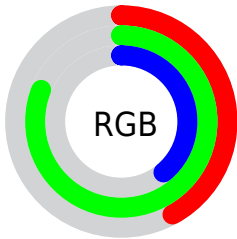
Format	Color
<a href="#">RYB</a>	<a href="#">100, 206, 200</a>
Decimal	<a href="#">6999652</a>
<a href="#">CIELab</a>	<a href="#">74.90, -50.21, 43.52</a>
<a href="#">CIELCh</a>	<a href="#">75, 66.447, 139.081</a>
<a href="#">Yxy</a>	<a href="#">48.1269, 0.3087, 0.4901</a>
Android (android.graphics.Color)	<a href="#">4285189732</a> ( <a href="#">0xFF6ACE64</a> )
<a href="#">YUV</a>	<a href="#">164.0160, -31.5599, -50.8800</a>
<a href="#">Hunter-Lab</a>	<a href="#">69.3735, -43.4013, 31.6837</a>

# Details

The Hex color **6ACE64** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **C864CE**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **A3FF99**, and **2D9731** is the 20% darker color. If you saturate the color by 10%, you get **57CE4F**, and if you desaturate by 10%, it is **7DCE79**.

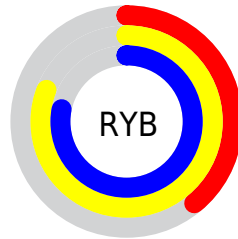
# Distribution



Red (42%)

Green (81%)

Blue (39%)



Red (39%)

Yellow (81%)

Blue (78%)

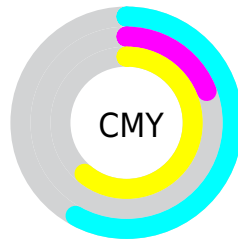


Cyan (49%)

Magenta (0%)

Yellow (51%)

Black (19%)



Cyan (58%)

Magenta (19%)

Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6ACE64 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 6ACE64 by changing the saturation by 10% instead.



 6ACE64

 6ACE64

FFFFFF

 4DB24A

 A3FF99

 2D9731

 C0FFB4

 007C16

 DEFFD0

 006200

 FBFFED

 004900

 003200

 001A00

 000000

 6ACE64

 6ACE64

 57CE4F

 7DCE79

 43CE3B

 91CE8D

 30CE26

 A4CEA2

 1CCE12

 B8CEB6

 0CCE00

 CBCECB

 DFCEE0

 F2CEF4

 FFCEFF

# Harmonies

## Analogous

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



B3C13A



6ACE64



00D59F

# Triad

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



6ACE64



00C6FF



FF8294

# Complementary

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



6ACE64



C864CE

# 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.



FF83D1



6ACE64



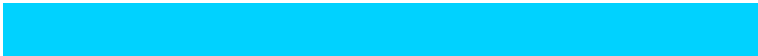
91B1FF

# Square

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



6ACE64



00D2FF



ED98FF



FF955D

# Rectangle

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



6ACE64



00D6CA



ED98FF



FF80A8

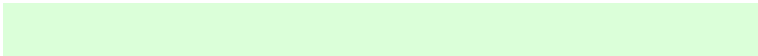


# Sweetspot

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



6ACE64



DBFFD9



CEC764



6A8069



000000



808080



# Same Dimension

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



6ACE64



6AFF61



64CE92



5C665C



09A600



022600



# Inverse Universe

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



C864CE



F661FF



CE64A0



655C66



9C00A6



240026



# Previews

## White Background



This preview shows how the Hex color 6ACE64 looks on a white background.

## Color Contrast Check

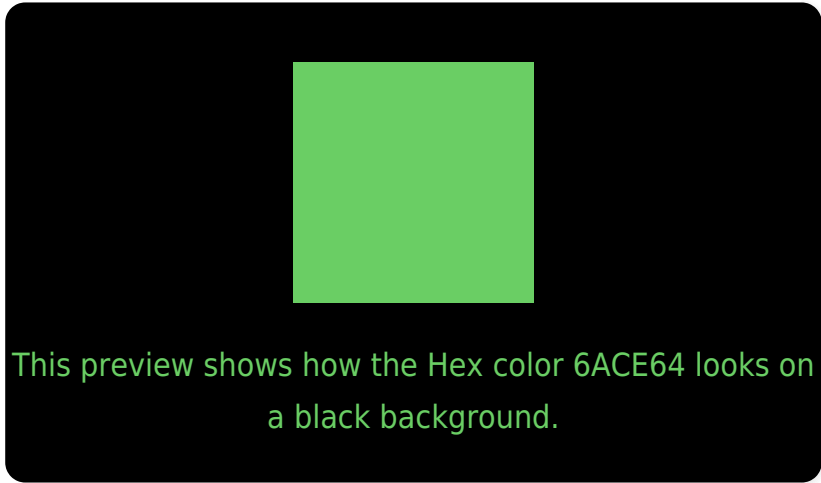
Large Text (above 18pt) WCAG AA × Fail

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

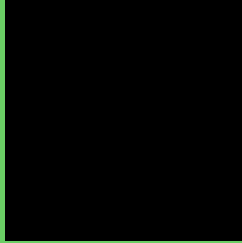
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 6ACE64 Background



This preview shows how black text looks on a background with the Hex color 6ACE64.

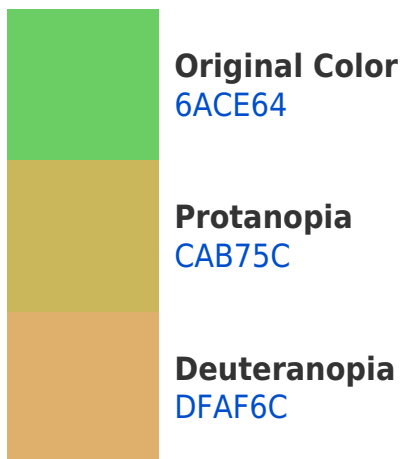


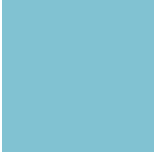
This preview shows how white text looks on a background with the Hex color 6ACE64.

# 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





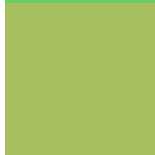
**Tritanopia**  
81C2D2

# Trichromacy



**Original Color**

6ACE64



**Protanomaly**

A7BF5F



**Deuteranomaly**

B4BA69



**Tritanomaly**

79C6AA

# Monochromacy



**Original Color**

6ACE64



**Achromatopsia**

A4A4A4



**Achromatomaly**

8FB38D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6ACE64 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 #6ACE64 looks like.

```
.text, #text, p{  
    color:#6ACE64  
}
```

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 #6ACE64 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6ACE64
}
```

## Border

The CSS property to change the border of an element to Hex 6ACE64 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
#6ACE64 }
```

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

```
.border{ border-color:#6ACE64 }
```

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

Here you see how a box with a 4 pixel #6ACE64 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6ACE64; -webkit-box-shadow:4px 4px  
4px 4px #6ACE64; box-shadow:4px 4px 4px  
4px #6ACE64 }
```

# Background

The CSS property to change the background color of an element to Hex 6ACE64 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6ACE64 }
```

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

```
.background{ background-color:#6ACE64 }
```

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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