

Converting Colors

Hex(6ACD68)

Have a look what the booklet for
Hex(6ACD68) contains.

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Color

Hex(6ACD68)

Conversions

Conversions Part 1

Format	Color
Hex	6ACD68
RGB	106, 205, 104
RGB Percent	42%, 80%, 41%
CMY	0.5843, 0.1961, 0.5922
CMYK	0.48, 0.00, 0.49, 0.20
HSL	119°, 50%, 61%
HSV	119°, 49%, 80%
XYZ	30.2739, 47.7263, 20.7132
YIQ	163.8850, -26.5830, -52.3990

Conversions

Conversions Part 2

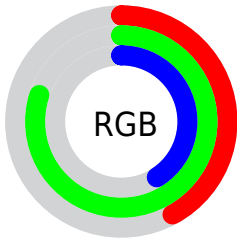
Format	Color
RYB	104, 205, 203
Decimal	6999400
CIELab	74.65, -49.28, 41.27
CIELCh	75, 64.276, 140.052
Yxy	47.7263, 0.3067, 0.4835
Android (android.graphics.Color)	4285189480 (0xFF6ACD68)
YUV	163.8850, -29.5233, -50.7651
Hunter-Lab	69.0842, -42.6757, 30.5823

Details

The Hex color **6ACD68** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **CB68CD**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **A3FF9D**, and **2E9635** is the 20% darker color. If you saturate the color by 10%, you get **56CD53**, and if you desaturate by 10%, it is **7ECD7C**.

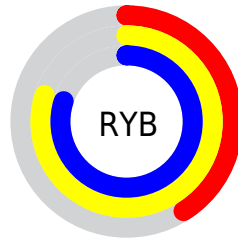
Distribution



Red (42%)

Green (80%)

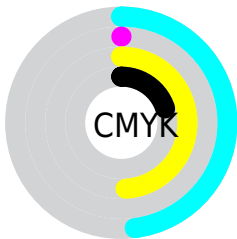
Blue (41%)



Red (41%)

Yellow (80%)

Blue (80%)

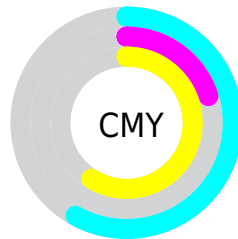


Cyan (48%)

Magenta (0%)

Yellow (49%)

Black (20%)



Cyan (58%)

Magenta (20%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6ACD68 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 6ACD68 by changing the saturation by 10% instead.

 6ACD68

 6ACD68

FFFFFF

 4DB14F

 A3FF9D

 2E9635

 C0FFB8

 007B1C

 DDFFD5

 006200

 FBFFF1

 004900

 003200

 001900

 000000

 6ACD68

 6ACD68

 56CD53

 7ECD7C

 42CD3F

 92CD91

 2ECD2A

 A6CDA6

 1ACD16

 BACDBA

 06CD01

 CECDCE

 04CD00

 E3CDE3

 F7CDF8

 FFCDFE

Harmonies

Analogous

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



B1C140



6ACD68



00D3A1

Triad

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



6ACD68



00C4FF



FF8493

Complementary

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



6ACD68



CB68CD

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.



FF84CE



6ACD68



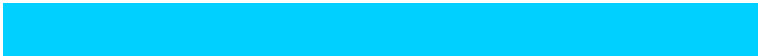
97B0FF

Square

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



6ACD68



00D0FF



EC97FF



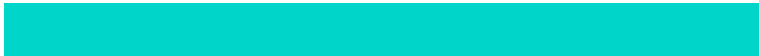
FF975E

Rectangle

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



6ACD68



00D5CA



EC97FF



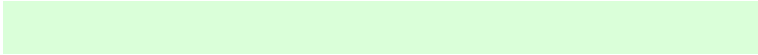
FF82A6

Sweetspot

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



6ACD68



DAFFD9



CDCA68



698069



000000



808080

Same Dimension

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



6ACD68



6CFF69



68CD97



5C665C



03A600



012600

Inverse Universe

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



CB68CD



FC69FF



CD689E



665C66



A200A6



250026

Previews

White Background



This preview shows how the Hex color 6ACD68 looks on a white background.

Color Contrast Check

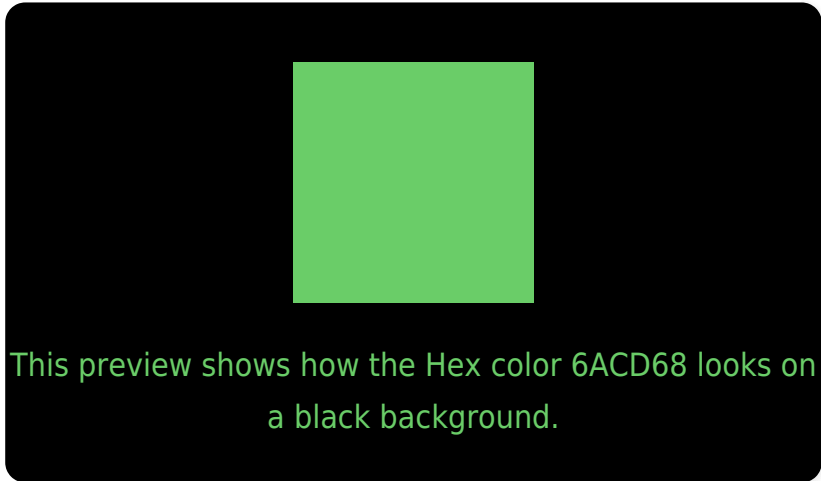
Large Text (above 18pt) WCAG AA × Fail

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

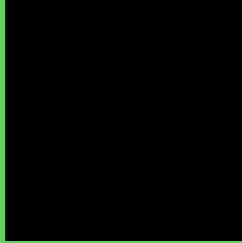
Any Text WCAG AA ✓ Pass

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 6ACD68 Background



This preview shows how black text looks on a background with the Hex color 6ACD68.

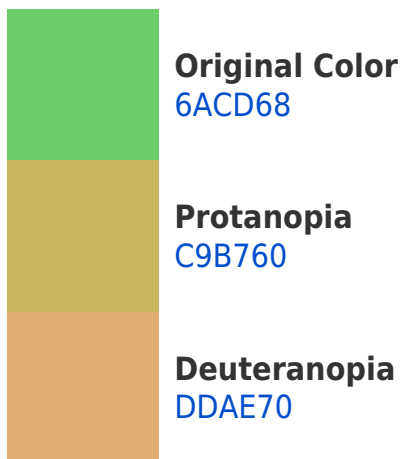


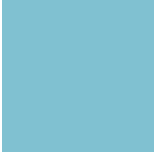
This preview shows how white text looks on a background with the Hex color 6ACD68.

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
80C1D1

Trichromacy



Original Color
6ACD68



Protanomaly
A6BF63



Deuteranomaly
B3B96D



Tritanomaly
78C5AB

Monochromacy



Original Color
6ACD68



Achromatopsia
A4A4A4



Achromatomaly
8FB38E

CSS Examples

Text

The CSS property to change the color of the text to Hex 6ACD68 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 #6ACD68 looks like.

```
.text, #text, p{  
    color:#6ACD68  
}
```

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 #6ACD68 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6ACD68  
}
```

Border

The CSS property to change the border of an element to Hex 6ACD68 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  
#6ACD68 }
```

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

```
.border{ border-color:#6ACD68 }
```

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

Here you see how a box with a 4 pixel #6ACD68 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6ACD68; -webkit-box-shadow:4px 4px  
4px 4px #6ACD68; box-shadow:4px 4px 4px  
4px #6ACD68 }
```

Background

The CSS property to change the background color of an element to Hex 6ACD68 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6ACD68 }
```

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

```
.background{ background-color:#6ACD68 }
```

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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