

Converting Colors

Hex(6AD76C)

Have a look what the booklet for
Hex(6AD76C) contains.

Hex(6AD76C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6AD76C)

Conversions

Conversions Part 1

Format	Color
Hex	6AD76C
RGB	106, 215, 108
RGB Percent	42%, 84%, 42%
CMY	0.5843, 0.1569, 0.5765
CMYK	0.51, 0.00, 0.50, 0.16
HSL	121°, 58%, 63%
HSV	121°, 51%, 84%
XYZ	32.9511, 52.7478, 22.6320
YIQ	170.2110, -30.6170, -56.3850

Conversions

Conversions Part 2

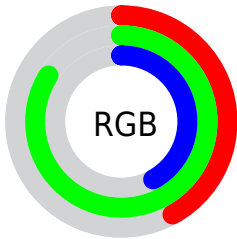
Format	Color
RYB	106, 213, 215
Decimal	7001964
CIELab	77.73, -52.74, 43.12
CIELCh	78, 68.128, 140.730
Yxy	52.7478, 0.3042, 0.4869
Android (android.graphics.Color)	4285192044 (0xFF6AD76C)
YUV	170.2110, -30.6700, -56.3130
Hunter-Lab	72.6277, -46.1132, 32.3636

Details

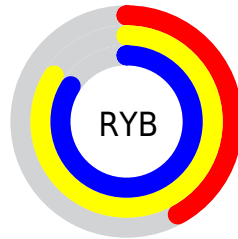
The Hex color **6AD76C** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **D76AD5**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **A4FFA1**, and **2B9F39** is the 20% darker color. If you saturate the color by 10%, you get **55D757**, and if you desaturate by 10%, it is **80D781**.

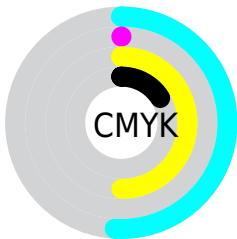
Distribution



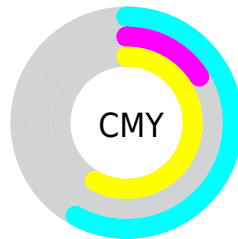
- Red (42%)
- Green (84%)
- Blue (42%)



- Red (42%)
- Yellow (84%)
- Blue (84%)



- Cyan (51%)
- Magenta (0%)
- Yellow (50%)
- Black (16%)



- Cyan (58%)
- Magenta (16%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6AD76C 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 6AD76C by changing the saturation by 10% instead.

 6AD76C

 6AD76C

FFFFFF

 4CBB52

 A4FFA1

 2B9F39

 C1FFBD

 00841F

 DFFFD9

 006A00

 FDFFD6

 005100

 003900

 002200

 000000

 6AD76C

 6AD76C

 55D757

 80D781

 3FD742

 95D796

 2AD72D

 ABD7AB

 14D718

 C0D7C0

 00D704

 D6D7D6

 EBD7EB

 FFD7FF

Harmonies

Analogous

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



B7CA40



6AD76C



00DEAA

Triad

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



6AD76C



00CFFF



FF8997

Complementary

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



6AD76C



D76AD5

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.



FF88D7



6AD76C



9FB7FF

Square

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



6AD76C



00DAFF



FA9DFF



FF9D60

Rectangle

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



6AD76C



00DFD6



FA9DFF



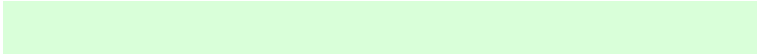
FF86AC

Sweetspot

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



6AD76C



D9FFD9



D5D76A



698069



000000



808080

Same Dimension

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



6AD76C



63FF66



6AD7A2



606B61



00AB03



002B01

Inverse Universe

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



D76AD5



FF63FC



D76A9F



6B606B



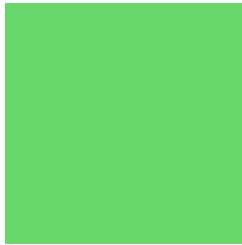
AB00A8



2B002B

Previews

White Background



This preview shows how the Hex color 6AD76C 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 6AD76C looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

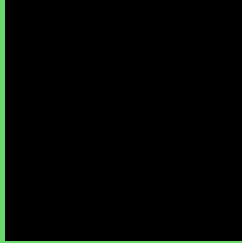
Any Text WCAG AA ✓ Pass

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 6AD76C Background



This preview shows how black text looks on a background with the Hex color 6AD76C.

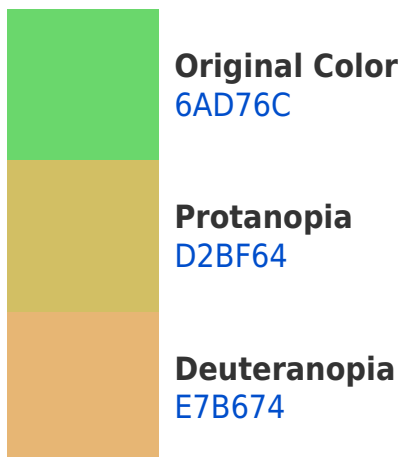


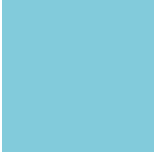
This preview shows how white text looks on a background with the Hex color 6AD76C.

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](#).

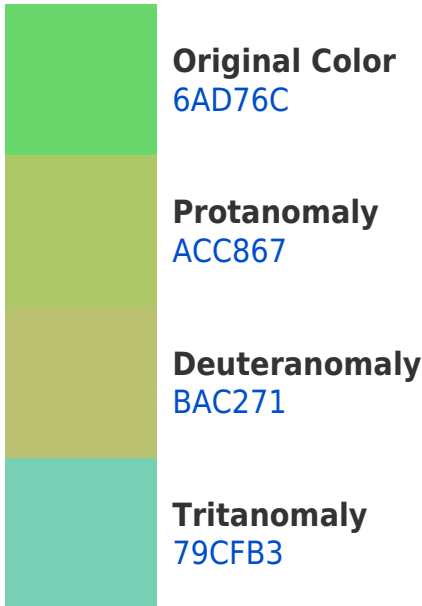
Dichromacy



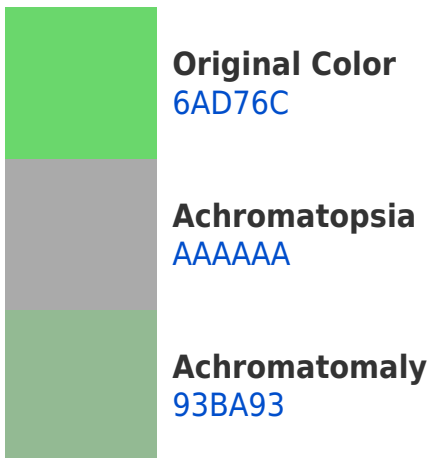


Tritanopia
82CBDB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6AD76C 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 #6AD76C looks like.

```
.text, #text, p{  
    color:#6AD76C  
}
```

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 #6AD76C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6AD76C
}
```

Border

The CSS property to change the border of an element to Hex 6AD76C 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
#6AD76C }
```

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

```
.border{ border-color:#6AD76C }
```

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

Here you see how a box with a 4 pixel #6AD76C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6AD76C; -webkit-box-shadow:4px 4px  
4px 4px #6AD76C; box-shadow:4px 4px 4px  
4px #6AD76C }
```

Background

The CSS property to change the background color of an element to Hex 6AD76C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6AD76C }
```

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

```
.background{ background-color:#6AD76C }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor