

Converting Colors

Hex(6ADC61)

Have a look what the booklet for
Hex(6ADC61) contains.

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Color

Hex(6ADC61)

Conversions

Conversions Part 1

Format	Color
Hex	6ADC61
RGB	106, 220, 97
RGB Percent	42%, 86%, 38%
CMY	0.5843, 0.1373, 0.6196
CMYK	0.52, 0.00, 0.56, 0.14
HSL	116°, 64%, 62%
HSV	116°, 56%, 86%
XYZ	33.6947, 55.1136, 20.1714
YIQ	171.8920, -28.4610, -62.4210

Conversions

Conversions Part 2

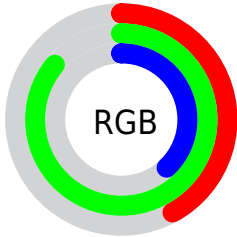
Format	Color
RYB	97, 220, 211
Decimal	7003233
CIELab	79.11, -56.07, 49.96
CIELCh	79, 75.103, 138.297
Yxy	55.1136, 0.3092, 0.5057
Android (android.graphics.Color)	4285193313 (0xFF6ADC61)
YUV	171.8920, -36.9218, -57.7873
Hunter-Lab	74.2386, -48.9015, 35.8573

Details

The Hex color **6ADC61** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **D361DC**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **A5FF97**, and **28A42C** is the 20% darker color. If you saturate the color by 10%, you get **56DC4B**, and if you desaturate by 10%, it is **7EDC77**.

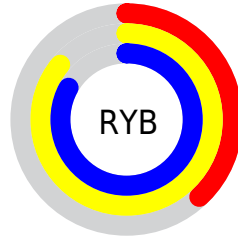
Distribution



Red (42%)

Green (86%)

Blue (38%)



Red (38%)

Yellow (86%)

Blue (83%)

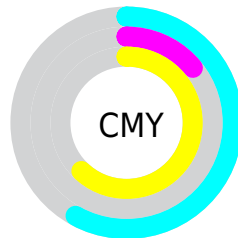


Cyan (52%)

Magenta (0%)

Yellow (56%)

Black (14%)



Cyan (58%)

Magenta (14%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6ADC61 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 6ADC61 by changing the saturation by 10% instead.

 6ADC61

 6ADC61

FFFFFF

 4BC047

 A5FF97

 28A42C

 C2FFB2

 00890B

 E0FFCF

 006F00

 FEFEB

 005500

 003C00

 002600

 000000

 6ADC61

 6ADC61

■ 56DC4B

■ 7EDC77

■ 41DC35

■ 93DC8D

■ 2DDC1F

■ A7DCA3

■ 18DC09

■ BCDCB9

■ 10DC00

■ D0DCCF

■ E4DCE5

■ F9DCFB

■ FFDCFF

Harmonies

Analogous

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



BFCD2D



6ADC61



00E3A5

Triad

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



6ADC61



00D4FF



FF839C

Complementary

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



6ADC61



D361DC

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.



FF85E2



6ADC61



8FBDFE

Square

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



6ADC61



00E1FF



FD9EFF



FF9A5D

Rectangle

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



6ADC61



00E5D6



FD9EFF



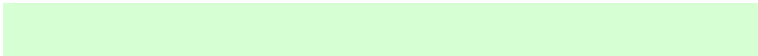
FF80B3

Sweetspot

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



6ADC61



D7FFD4



DCD261



688066



000000



808080

Same Dimension

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



6ADC61



61FF54



61DC94



636E63



0DAD00



032E00

Inverse Universe

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



D361DC



F254FF



DC61A9



6D636E



A100AD



2B002E

Previews

White Background



This preview shows how the Hex color 6ADC61 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 6ADC61 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 6ADC61 Background



This preview shows how black text looks on a background with the Hex color 6ADC61.

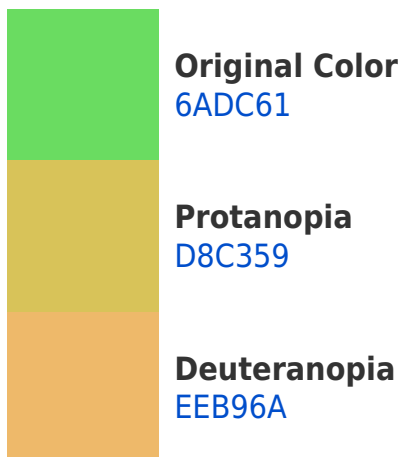


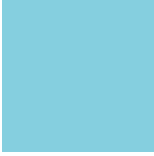
This preview shows how white text looks on a background with the Hex color 6ADC61.

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
85CFDF

Trichromacy



Original Color
6ADC61



Protanomaly
B0CC5C



Deuteranomaly
BEC667

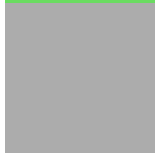


Tritanomaly
7BD4B1

Monochromacy



Original Color
6ADC61



Achromatopsia
ACACAC



Achromatomaly
94BD91

CSS Examples

Text

The CSS property to change the color of the text to Hex 6ADC61 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 #6ADC61 looks like.

```
.text, #text, p{  
    color:#6ADC61  
}
```

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 #6ADC61 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6ADC61
}
```

Border

The CSS property to change the border of an element to Hex 6ADC61 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
#6ADC61 }
```

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

```
.border{ border-color:#6ADC61 }
```

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

Here you see how a box with a 4 pixel #6ADC61 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6ADC61; -webkit-box-shadow:4px 4px  
4px 4px #6ADC61; box-shadow:4px 4px 4px  
4px #6ADC61 }
```

Background

The CSS property to change the background color of an element to Hex 6ADC61 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6ADC61 }
```

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

```
.background{ background-color:#6ADC61 }
```

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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