

Converting Colors

Hex(6ACE71)

Have a look what the booklet for
Hex(6ACE71) contains.

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Color

Hex(6ACE71)

Conversions

Conversions Part 1

Format	Color
Hex	6ACE71
RGB	106, 206, 113
RGB Percent	42%, 81%, 44%
CMY	0.5843, 0.1922, 0.5569
CMYK	0.49, 0.00, 0.45, 0.19
HSL	124°, 51%, 61%
HSV	124°, 49%, 81%
XYZ	30.9958, 48.3990, 23.3311
YIQ	165.4980, -29.7470, -50.1230

Conversions

Conversions Part 2

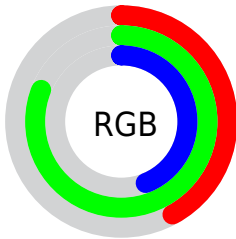
Format	Color
RYB	106, 199, 206
Decimal	6999665
CIELab	75.08, -48.41, 37.35
CIElCh	75, 61.142, 142.351
Yxy	48.3990, 0.3017, 0.4711
Android (android.graphics.Color)	4285189745 (0xFF6ACE71)
YUV	165.4980, -25.8815, -52.1797
Hunter-Lab	69.5694, -42.2180, 28.8149

Details

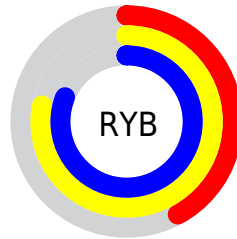
The Hex color **6ACE71** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **CE6AC7**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **A3FFA6**, and **2E973F** is the 20% darker color. If you saturate the color by 10%, you get **55CE5E**, and if you desaturate by 10%, it is **7FCE84**.

Distribution



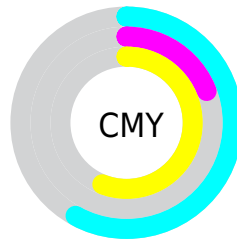
- Red (42%)
- Green (81%)
- Blue (44%)



- Red (42%)
- Yellow (78%)
- Blue (81%)



- Cyan (49%)
- Magenta (0%)
- Yellow (45%)
- Black (19%)



- Cyan (58%)
- Magenta (19%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6ACE71 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 6ACE71 by changing the saturation by 10% instead.

 6ACE71

 6ACE71

FFFFFF

 4DB258

 A3FFA6

 2E973F

 C0FFC2

 007C26

 DDFDE

 00630B

 FBFFFB

 004A00

 003200

 001A00

 000000

 6ACE71

 6ACE71

 55CE5E

 7FCE84

 41CE4B

 93CE97

 2CCE38

 A8CEAA

 18CE24

 BCCEBE

 03CE11

 D1CED1

 00CE0E

 E6CEE4

 FACEF7

 FFCEFF

Harmonies

Analogous

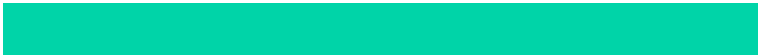
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



AFC24A



6ACE71



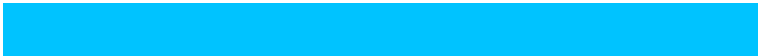
00D4A8

Triad

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



6ACE71



00C3FF



FF8A91

Complementary

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



6ACE71



CE6AC7

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.



FF88CA



6ACE71



A3B0FF

Square

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



6ACE71



00CFFF



F099FE



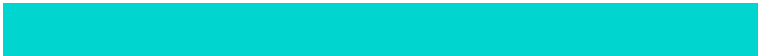
FF9B61

Rectangle

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



6ACE71



00D5CF



F099FE



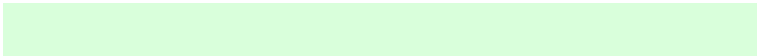
FF87A4

Sweetspot

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



6ACE71



D9FFDB



C7CE6A



69806A



000000



808080

Same Dimension

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



6ACE71



6BFF75



6ACEA3



5C665D



00A60C



002603

Inverse Universe

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



CE6AC7



FF6BF5



CE6A95



665C65



A6009A



260024

Previews

White Background



This preview shows how the Hex color 6ACE71 looks on a white background.

Color Contrast Check

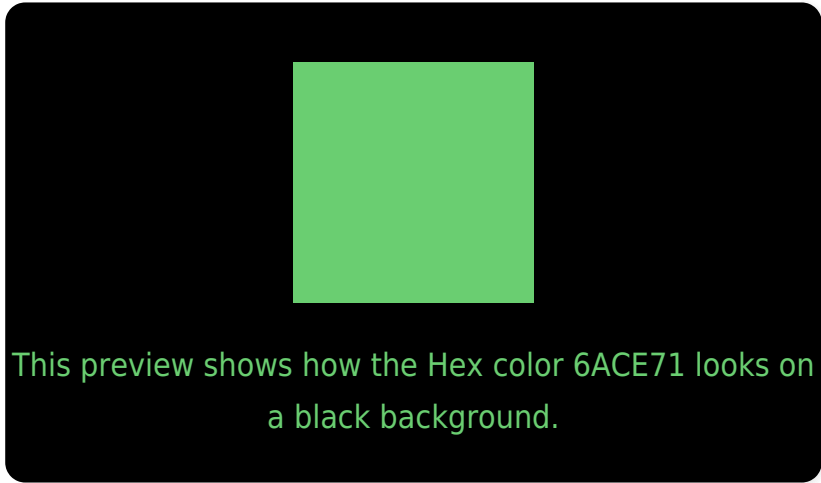
Large Text (above 18pt) WCAG AA × Fail

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

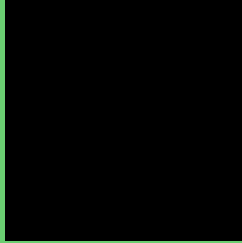
Any Text WCAG AA ✓ Pass

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 6ACE71 Background



This preview shows how black text looks on a background with the Hex color 6ACE71.

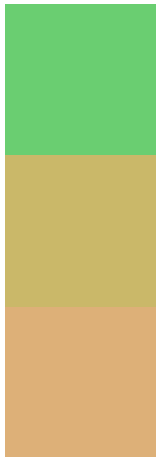


This preview shows how white text looks on a background with the Hex color 6ACE71.

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](#).

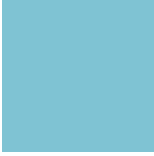
Dichromacy



Original Color
6ACE71

Protanopia
CAB869

Deuteranopia
DDB078



Tritanopia
7FC3D3

Trichromacy



Original Color
6ACE71



Protanomaly
A7C06C



Deuteranomaly
B3BB75



Tritanomaly
77C7AF

Monochromacy



Original Color
6ACE71



Achromatopsia
A5A5A5



Achromatomaly
90B492

CSS Examples

Text

The CSS property to change the color of the text to Hex 6ACE71 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 #6ACE71 looks like.

```
.text, #text, p{  
    color:#6ACE71  
}
```

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 #6ACE71 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6ACE71
}
```

Border

The CSS property to change the border of an element to Hex 6ACE71 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
#6ACE71 }
```

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

```
.border{ border-color:#6ACE71 }
```

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

Here you see how a box with a 4 pixel #6ACE71 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6ACE71; -webkit-box-shadow:4px 4px  
4px 4px #6ACE71; box-shadow:4px 4px 4px  
4px #6ACE71 }
```

Background

The CSS property to change the background color of an element to Hex 6ACE71 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6ACE71 }
```

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

```
.background{ background-color:#6ACE71 }
```

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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