

Converting Colors

Hex(6AC475)

Have a look what the booklet for
Hex(6AC475) contains.

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Color

Hex(6AC475)

Conversions

Conversions Part 1

Format	Color
Hex	6AC475
RGB	106, 196, 117
RGB Percent	42%, 77%, 46%
CMY	0.5843, 0.2314, 0.5412
CMYK	0.46, 0.00, 0.40, 0.23
HSL	127°, 43%, 59%
HSV	127°, 46%, 77%
XYZ	28.8947, 43.8284, 23.7664
YIQ	160.0840, -28.2810, -43.6490

Conversions

Conversions Part 2

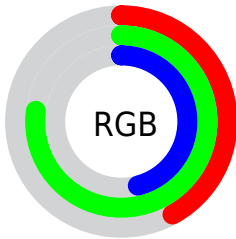
Format	Color
RYB	106, 186, 196
Decimal	6997109
CIELab	72.11, -43.60, 31.50
CIElCh	72, 53.790, 144.153
Yxy	43.8284, 0.2995, 0.4542
Android (android.graphics.Color)	4285187189 (0xFF6AC475)
YUV	160.0840, -21.2404, -47.4317
Hunter-Lab	66.2030, -37.9479, 25.0574

Details

The Hex color **6AC475** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **C46AB9**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **A2FDAA**, and **318D43** is the 20% darker color. If you saturate the color by 10%, you get **56C464**, and if you desaturate by 10%, it is **7EC486**.

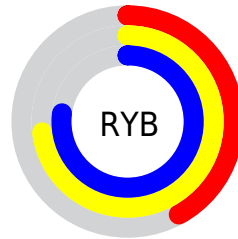
Distribution



Red (42%)

Green (77%)

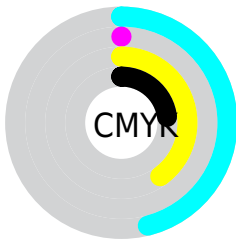
Blue (46%)



Red (42%)

Yellow (73%)

Blue (77%)

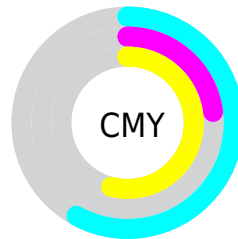


Cyan (46%)

Magenta (0%)

Yellow (40%)

Black (23%)



Cyan (58%)

Magenta (23%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6AC475 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 6AC475 by changing the saturation by 10% instead.



6AC475



6AC475

FFFFFF



4EA85C



A2FDAA



318D43



BEFFC5



0A732C



DBFFE2



005A14



F9FFFF



004200



002B00



000E00



000000



6AC475



6AC475

 56C464

 7EC486

 43C453

 91C497

 2FC441

 A5C4A9

 1CC430

 B8C4BA

 08C41F

 CCC4CB

 00C418

 E0C4DC

 F3C4ED

 FFC4FF

Harmonies

Analogous

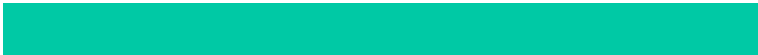
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A6BA53



6AC475



00C9A5

Triad

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



6AC475



31B9FF



FF8A8B

Complementary

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



6AC475



C46AB9

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.



FF88BD



6AC475



A4A8FF

Square

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



6AC475



00C4FF



E494EB



FA9962

Rectangle

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



6AC475



00CAC7



E494EB



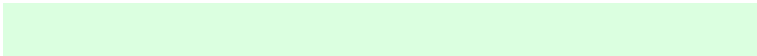
FF879B

Sweetspot

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



6AC475



DBFFE0



BAC46A



6A806C



000000



808080

Same Dimension

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



6AC475



73FF84



6AC4A2



576158



00A114



002104

Inverse Universe

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



C46AB9



FF73EE



C46A8C



615760



A1008D



21001D

Previews

White Background



This preview shows how the Hex color 6AC475 looks on a white background.

Color Contrast Check

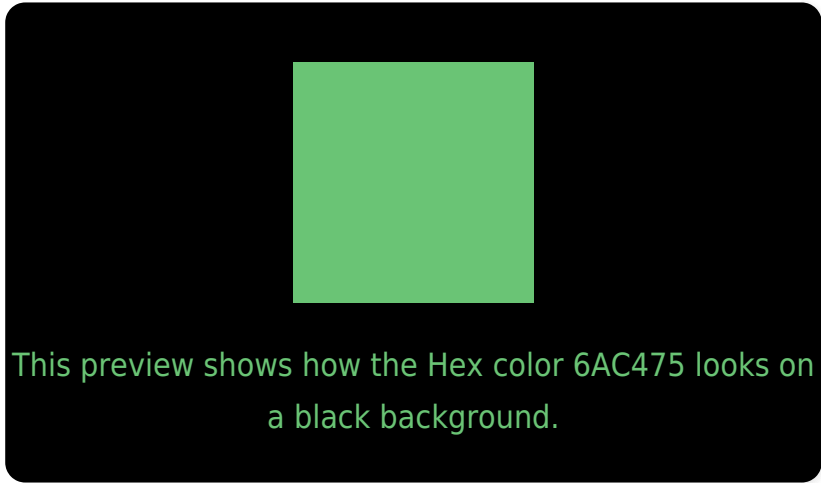
Large Text (above 18pt) WCAG AA × Fail

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 6AC475 Background



This preview shows how black text looks on a background with the Hex color 6AC475.

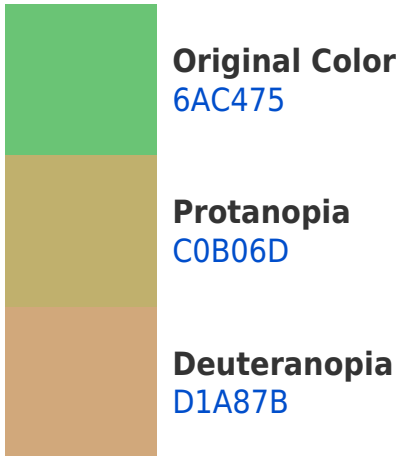


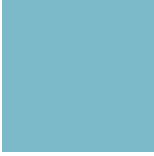
This preview shows how white text looks on a background with the Hex color 6AC475.

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
7CBAC9

Trichromacy



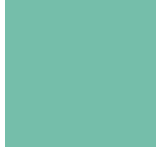
Original Color
6AC475



Protanomaly
A1B770



Deuteranomaly
ACB279



Tritanomaly
75BEAA

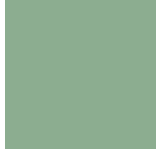
Monochromacy



Original Color
6AC475



Achromatopsia
A0A0A0



Achromatomaly
8CAD90

CSS Examples

Text

The CSS property to change the color of the text to Hex 6AC475 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 #6AC475 looks like.

```
.text, #text, p{  
    color:#6AC475  
}
```

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 #6AC475 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6AC475
}
```

Border

The CSS property to change the border of an element to Hex 6AC475 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
#6AC475 }
```

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

```
.border{ border-color:#6AC475 }
```

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

Here you see how a box with a 4 pixel #6AC475 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6AC475; -webkit-box-shadow:4px 4px  
4px 4px #6AC475; box-shadow:4px 4px 4px  
4px #6AC475 }
```

Background

The CSS property to change the background color of an element to Hex 6AC475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6AC475 }
```

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

```
.background{ background-color:#6AC475 }
```

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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