

Converting Colors

Hex(6AA069)

Have a look what the booklet for
Hex(6AA069) contains.

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Color

Hex(6AA069)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 6AA069 |
| RGB | 106, 160, 105 |
| RGB Percent | 42%, 63%, 41% |
| CMY | 0.5843, 0.3725, 0.5882 |
| CMYK | 0.34, 0.00, 0.34, 0.37 |
| HSL | 119°, 22%, 52% |
| HSV | 119°, 34%, 63% |
| XYZ | 21.0645, 29.2257, 17.8955 |
| YIQ | 137.5840, -14.5290, -28.5530 |

Conversions

Conversions Part 2

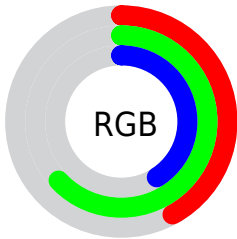
| Format | Color |
|-------------------------------------|--|
| RYB | 105, 160, 159 |
| Decimal | 6987881 |
| CIELab | 60.98, -29.23, 23.17 |
| CIElCh | 61, 37.301, 141.596 |
| Yxy | 29.2257, 0.3089, 0.4286 |
| Android (android.graphics.Color) | 4285177961 (0xFF6AA069) |
| YUV | 137.5840, -16.0639, -27.6992 |
| Hunter-Lab | 54.0608, -25.0550, 18.2161 |

Details

The Hex color **6AA069** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9F69A0**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **9FD79D**, and **376C39** is the 20% darker color. If you saturate the color by 10%, you get **5AA059**, and if you desaturate by 10%, it is **7AA079**.

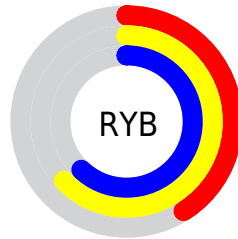
Distribution



Red (42%)

Green (63%)

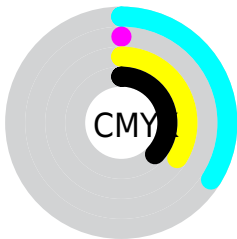
Blue (41%)



Red (41%)

Yellow (63%)

Blue (62%)

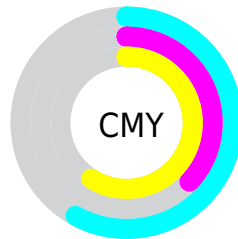


Cyan (34%)

Magenta (0%)

Yellow (34%)

Black (37%)



Cyan (58%)

Magenta (37%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6AA069 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 6AA069 by changing the saturation by 10% instead.



6AA069



6AA069

FFFFFF



508651



9FD79D



376C39



BBF4B8



1E5323



D7FFD3



003C0D



F4FFF0



002600



000700



000000



6AA069



6AA069



5AA059



7AA079

 4BA049

 89A089

 3BA039

 99A099

 2BA029

 A9A0A9

 1BA019

 B9A0B9

 0CA009

 C8A0C9

 03A000

 D8A0D9

 E8A0E9

 F7A0F9

Harmonies

Analogous

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



909954



6AA069



3AA488

Triad

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



6AA069



4E99D4



D37A7D

Complementary

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



6AA069



9F69A0

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.



CC7A9E



6AA069



898ED0

Square

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



6AA069



00A1C6



B382BC



C88261

Rectangle

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



6AA069



00A59F



B382BC



D37987

Sweetspot

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



6AA069



BDD1BC



A09E69



5C695C



E8E8E8



696969

Same Dimension

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



6AA069



7DD17B



69A083



474F47



038F00



000F00

Inverse Universe

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



9F69A0



D07BD1



A06986



4F474F



8C008F



0F000F

Previews

White Background



This preview shows how the Hex color 6AA069 looks on a white background.

Color Contrast Check

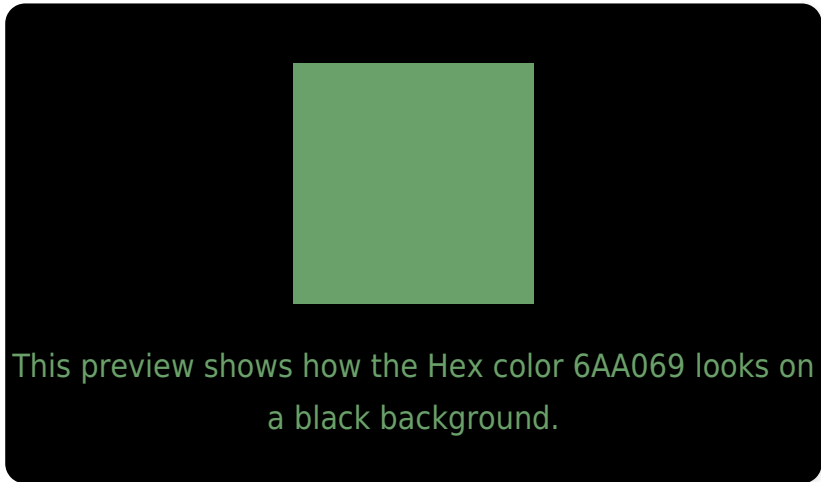
Large Text (above 18pt) WCAG AA ✓ Pass

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

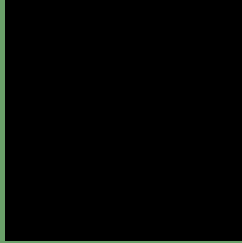
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 6AA069 Background



This preview shows how black text looks on a background with the Hex color 6AA069.

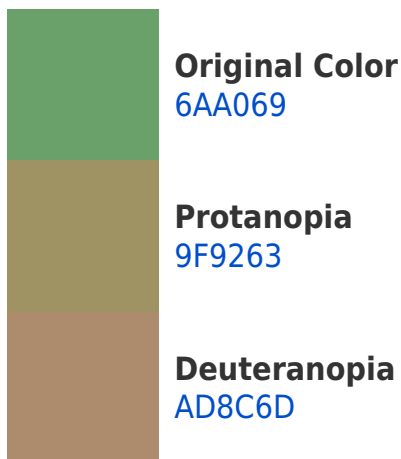


This preview shows how white text looks on a background with the Hex color 6AA069.

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](#).

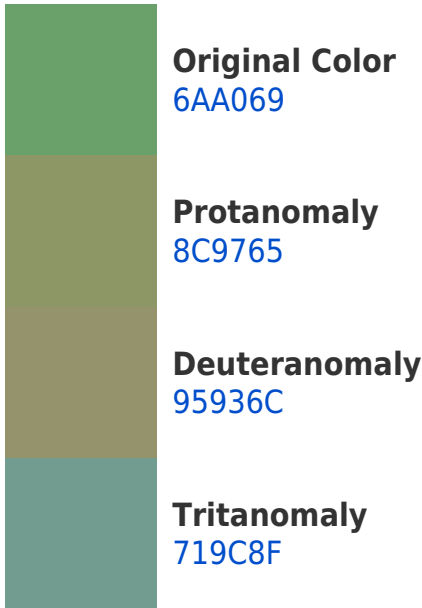
Dichromacy



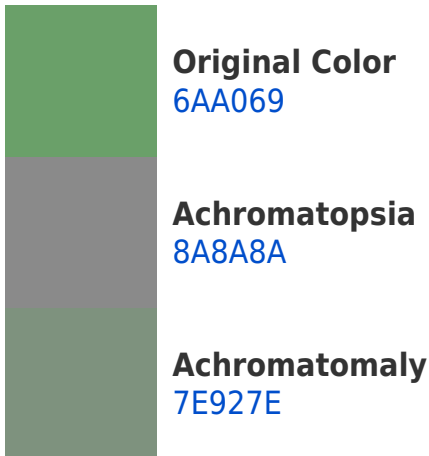


Tritanopia
7599A5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6AA069 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 #6AA069 looks like.

```
.text, #text, p{  
    color:#6AA069  
}
```

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 #6AA069 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6AA069
}
```

Border

The CSS property to change the border of an element to Hex 6AA069 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
#6AA069 }
```

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

```
.border{ border-color:#6AA069 }
```

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

Here you see how a box with a 4 pixel #6AA069 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6AA069; -webkit-box-shadow:4px 4px  
4px 4px #6AA069; box-shadow:4px 4px 4px  
4px #6AA069 }
```

Background

The CSS property to change the background color of an element to Hex 6AA069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6AA069 }
```

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

```
.background{ background-color:#6AA069 }
```

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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