

Converting Colors

Hex(6A9C3D)

Have a look what the booklet for
Hex(6A9C3D) contains.

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Color

Hex(6A9C3D)

Conversions

Conversions Part 1

Format	Color
Hex	6A9C3D
RGB	106, 156, 61
RGB Percent	42%, 61%, 24%
CMY	0.5843, 0.3882, 0.7608
CMYK	0.32, 0.00, 0.61, 0.39
HSL	92°, 44%, 43%
HSV	92°, 61%, 61%
XYZ	18.6746, 27.1780, 8.6765
YIQ	130.2200, 0.6950, -40.1450

Conversions

Conversions Part 2

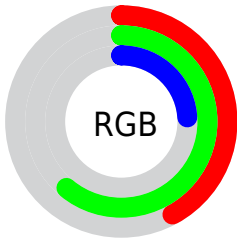
Format	Color
RYB	61, 156, 111
Decimal	6986813
CIELab	59.14, -33.20, 43.48
CIElCh	59, 54.709, 127.360
Yxy	27.1780, 0.3425, 0.4984
Android (android.graphics.Color)	4285176893 (0xFF6A9C3D)
YUV	130.2200, -34.1255, -21.2409
Hunter-Lab	52.1325, -27.2907, 26.6251

Details

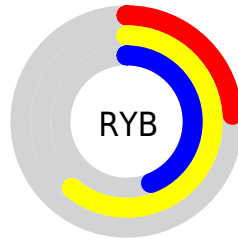
The Hex color **6A9C3D** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **6F3D9C**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **A0D370**, and **356805** is the 20% darker color. If you saturate the color by 10%, you get **629C2D**, and if you desaturate by 10%, it is **729C4D**.

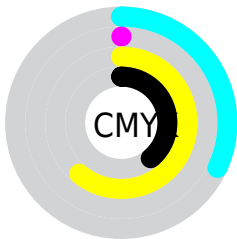
Distribution



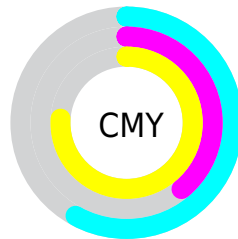
- Red (42%)
- Green (61%)
- Blue (24%)



- Red (24%)
- Yellow (61%)
- Blue (44%)



- Cyan (32%)
- Magenta (0%)
- Yellow (61%)
- Black (39%)



- Cyan (58%)
- Magenta (39%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A9C3D 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 6A9C3D by changing the saturation by 10% instead.

 6A9C3D

 6A9C3D

FFFFFF

 508223

 A0D370

 356805

 BCEF8A

 1A5000

 D9FFA5

 003800

 F6FFC1

 002400

 FFFFDE

 000000

 FFFFFA

 6A9C3D

 6A9C3D

 629C2D

 729C4D

■ 5A9C1E

■ 7A9C5C

■ 519C0E

■ 839C6C

■ 4A9C00

■ 8B9C7B

■ 939C8B

■ 9B9C9B

■ A39CAA

■ AC9CBA

■ B49CC9

Harmonies

Analogous

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



9D9026



6A9C3D



00A367

Triad

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



6A9C3D



009DE7



E66284

Complementary

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



6A9C3D



6F3D9C

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.



D269B4



6A9C3D



4190EE

Square

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



6A9C3D



00A4C7



A07DDB



E06C57

Rectangle

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



6A9C3D



00A588



A07DDB



E26295

Sweetspot

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



6A9C3D



B9CCA7



9C6E3D



5A6650



E6E6E6



666666

Same Dimension

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



6A9C3D



7ECC37



3D9C3F



4B4F47



448F00



070F00

Inverse Universe

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



6F3D9C



8537CC



9C3D9A



4B474F



4B008F



08000F

Previews

White Background



This preview shows how the Hex color 6A9C3D looks on a white background.

Color Contrast Check

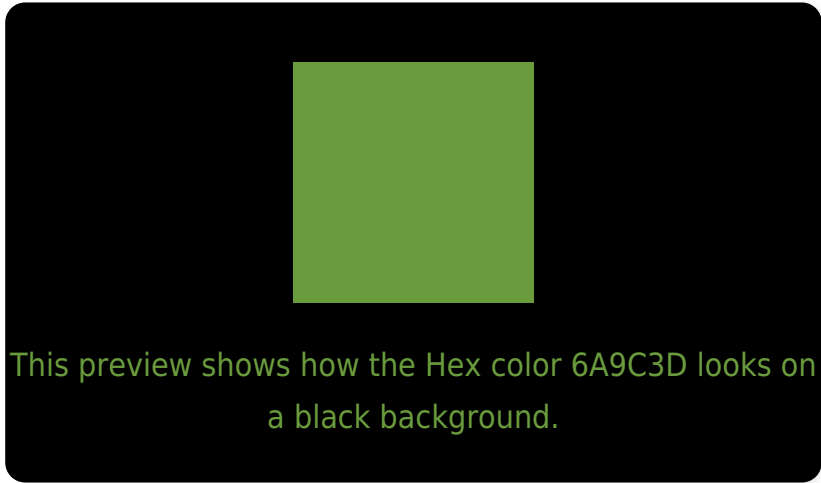
Large Text (above 18pt) WCAG AA ✓ Pass

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 6A9C3D Background



This preview shows how black text looks on a background with the Hex color 6A9C3D.

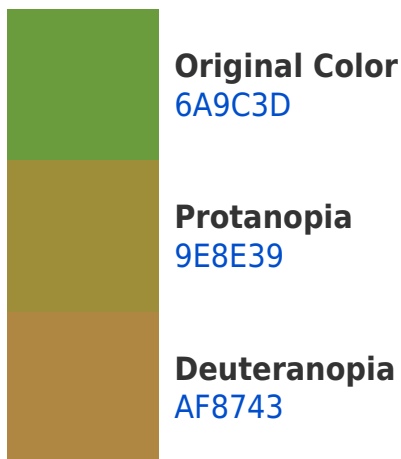


This preview shows how white text looks on a background with the Hex color 6A9C3D.

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](#).

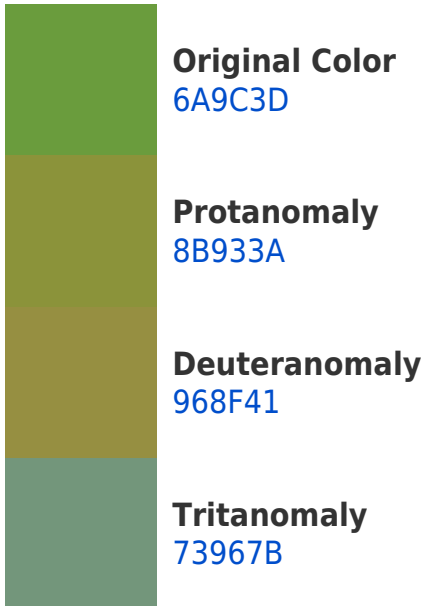
Dichromacy



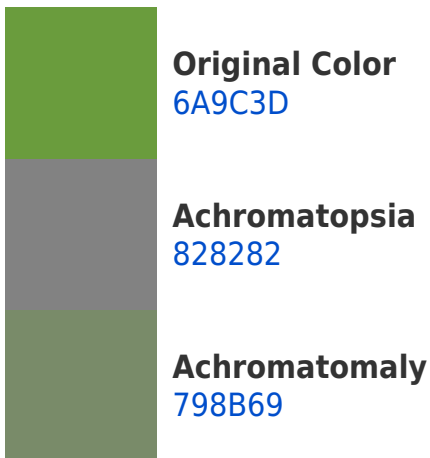


Tritanopia
78929E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6A9C3D 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 #6A9C3D looks like.

```
.text, #text, p{  
    color:#6A9C3D  
}
```

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 #6A9C3D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A9C3D
}
```

Border

The CSS property to change the border of an element to Hex 6A9C3D 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
#6A9C3D }
```

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

```
.border{ border-color:#6A9C3D }
```

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

Here you see how a box with a 4 pixel #6A9C3D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A9C3D; -webkit-box-shadow:4px 4px  
4px 4px #6A9C3D; box-shadow:4px 4px 4px  
4px #6A9C3D }
```

Background

The CSS property to change the background color of an element to Hex 6A9C3D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A9C3D }
```

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

```
.background{ background-color:#6A9C3D }
```

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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