

Converting Colors

Hex(6A8731)

Have a look what the booklet for
Hex(6A8731) contains.

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Color

Hex(6A8731)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 6A8731 |
| RGB | 106, 135, 49 |
| RGB Percent | 42%, 53%, 19% |
| CMY | 0.5843, 0.4706, 0.8078 |
| CMYK | 0.21, 0.00, 0.64, 0.47 |
| HSL | 80°, 47%, 36% |
| HSV | 80°, 64%, 53% |
| XYZ | 15.1622, 20.6139, 6.0855 |
| YIQ | 116.5250, 10.3220, -32.8940 |

Conversions

Conversions Part 2

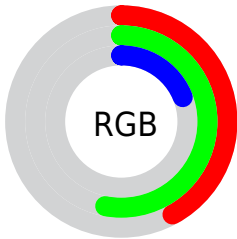
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 49, 135, 78 |
| Decimal | 6981425 |
| CIELab | 52.52, -24.19, 41.68 |
| CIELCh | 53, 48.190, 120.132 |
| Yxy | 20.6139, 0.3622, 0.4924 |
| Android (android.graphics.Color) | 4285171505 (0xFF6A8731) |
| YUV | 116.5250, -33.2898, -9.2304 |
| Hunter-Lab | 45.4025, -19.8441, 23.8349 |

Details

The Hex color **6A8731** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **4E3187**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **9FBC63**, and **375500** is the 20% darker color. If you saturate the color by 10%, you get **658724**, and if you desaturate by 10%, it is **6F873E**.

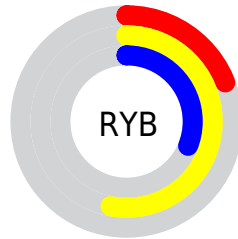
Distribution



Red (42%)

Green (53%)

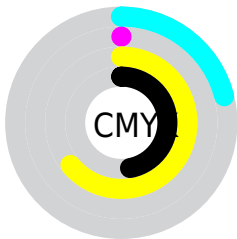
Blue (19%)



Red (19%)

Yellow (53%)

Blue (31%)

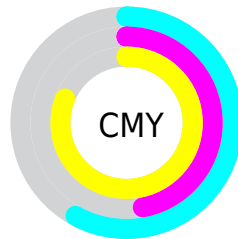


Cyan (21%)

Magenta (0%)

Yellow (64%)

Black (47%)



Cyan (58%)

Magenta (47%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A8731 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 6A8731 by changing the saturation by 10% instead.



6A8731



6A8731

FFFFFF



506E17



9FBC63



375500



BBD87D



1F3E00



D8F598



022800



F4FFB3



001000



FFFFCF



000000



FFFFEB



6A8731



6A8731



658724



6F873E

■ 618716

■ 73874C

■ 5C8708

■ 78875A

■ 598700

■ 7C8767

■ 818775

■ 858782

■ 8A8790

■ 8E879D

■ 9387AB

Harmonies

Analogous

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



947B25



6A8731



2F8E52

Triad

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



6A8731



008CC4



C7587F

Complementary

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



6A8731



4E3187

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.



B061A7



6A8731



1382D0

Square

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



6A8731



0091A6



7E72C5



C75D56

Rectangle

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



6A8731



00916E



7E72C5



C25A8D

Sweetspot

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



6A8731



A5B08F



874E31



525945



D9D9D9



595959

Same Dimension

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



6A8731



83B02A



3F8731



40423C



568200



020300

Inverse Universe

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



4E3187



572AB0



793187



3E3C42



2C0082



010003

Previews

White Background



This preview shows how the Hex color 6A8731 looks on a white background.

Color Contrast Check

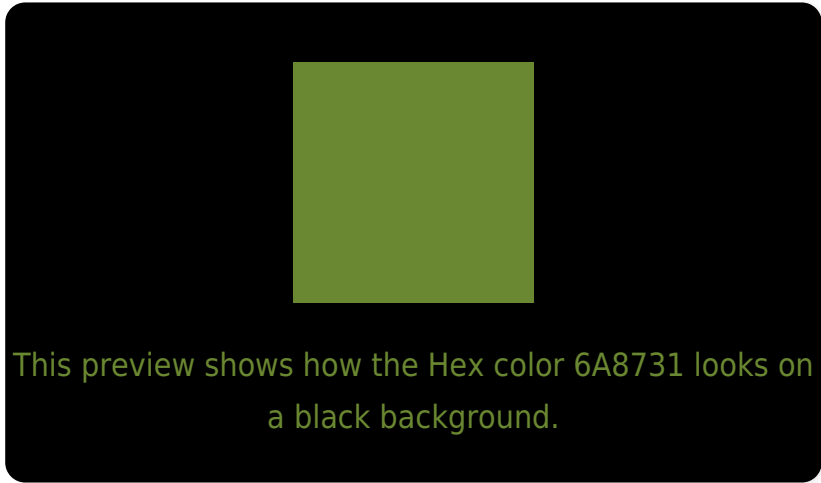
Large Text (above 18pt) WCAG AA ✓ Pass

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 6A8731 Background



This preview shows how black text looks on a background with the Hex color 6A8731.



This preview shows how white text looks on a background with the Hex color 6A8731.

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](#).

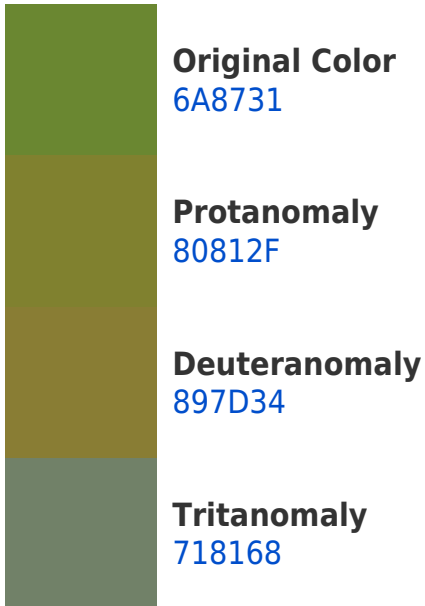
Dichromacy



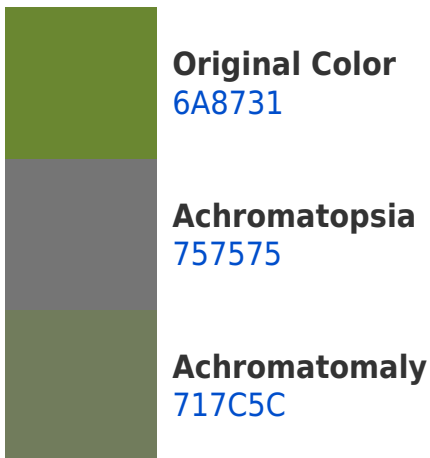


Tritanopia
757E88

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6A8731 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 #6A8731 looks like.

```
.text, #text, p{  
    color:#6A8731  
}
```

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 #6A8731 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A8731
}
```

Border

The CSS property to change the border of an element to Hex 6A8731 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
#6A8731 }
```

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

```
.border{ border-color:#6A8731 }
```

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

Here you see how a box with a 4 pixel #6A8731 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A8731; -webkit-box-shadow:4px 4px  
4px 4px #6A8731; box-shadow:4px 4px 4px  
4px #6A8731 }
```

Background

The CSS property to change the background color of an element to Hex 6A8731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A8731 }
```

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

```
.background{ background-color:#6A8731 }
```

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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