

Converting Colors

Hex(6A8531)

Have a look what the booklet for
Hex(6A8531) contains.

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Color

Hex(6A8531)

Conversions

Conversions Part 1

Format	Color
Hex	6A8531
RGB	106, 133, 49
RGB Percent	42%, 52%, 19%
CMY	0.5843, 0.4784, 0.8078
CMYK	0.20, 0.00, 0.63, 0.48
HSL	79°, 46%, 36%
HSV	79°, 63%, 52%
XYZ	14.8858, 20.0610, 5.9933
YIQ	115.3510, 10.8720, -31.8480

Conversions

Conversions Part 2

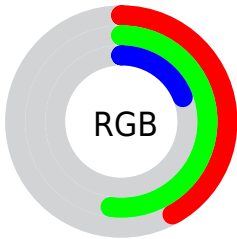
Format	Color
RYB	49, 133, 76
Decimal	6980913
CIELab	51.91, -23.18, 41.00
CIElCh	52, 47.102, 119.487
Yxy	20.0610, 0.3636, 0.4900
Android (android.graphics.Color)	4285170993 (0xFF6A8531)
YUV	115.3510, -32.7110, -8.2008
Hunter-Lab	44.7895, -19.0572, 23.4190

Details

The Hex color **6A8531** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **4C3185**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **9FBA63**, and **375300** is the 20% darker color. If you saturate the color by 10%, you get **668524**, and if you desaturate by 10%, it is **6E853E**.

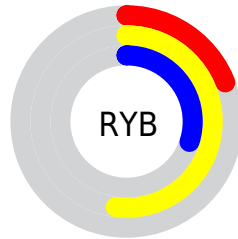
Distribution



Red (42%)

Green (52%)

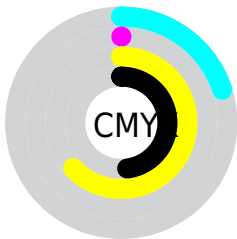
Blue (19%)



Red (19%)

Yellow (52%)

Blue (30%)

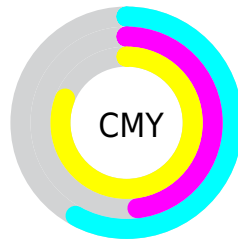


Cyan (20%)

Magenta (0%)

Yellow (63%)

Black (48%)



Cyan (58%)

Magenta (48%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A8531 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 6A8531 by changing the saturation by 10% instead.



6A8531



6A8531

FFFFFF



506C17



9FBA63



375300



BBD67D



203C00



D7F297



032600



F4FFB3



000D00



FFFFCF



000000



FFFFEB



6A8531



6A8531



668524



6E853E

■ 618516

■ 73854C

■ 5D8509

■ 778559

■ 5A8500

■ 7B8566

■ 7F8574

■ 848581

■ 88858E

■ 8C859B

■ 9085A9

Harmonies

Analogous

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



927926



6A8531



328C51

Triad

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



6A8531



008AC1



C3577E

Complementary

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



6A8531



4C3185

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.



AC61A5



6A8531



1380CC

Square

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



6A8531



008FA2



7C71C2



C45C56

Rectangle

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



6A8531



008F6C



7C71C2



BE598C

Sweetspot

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



6A8531



A3AD8C



854C31



505743



D6D6D6



575757

Same Dimension

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



6A8531



83AD2A



408531



40423C



588200



020300

Inverse Universe

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



4C3185



542AAD



763185



3E3C42



2A0082



010003

Previews

White Background



This preview shows how the Hex color 6A8531 looks on a white background.

Color Contrast Check

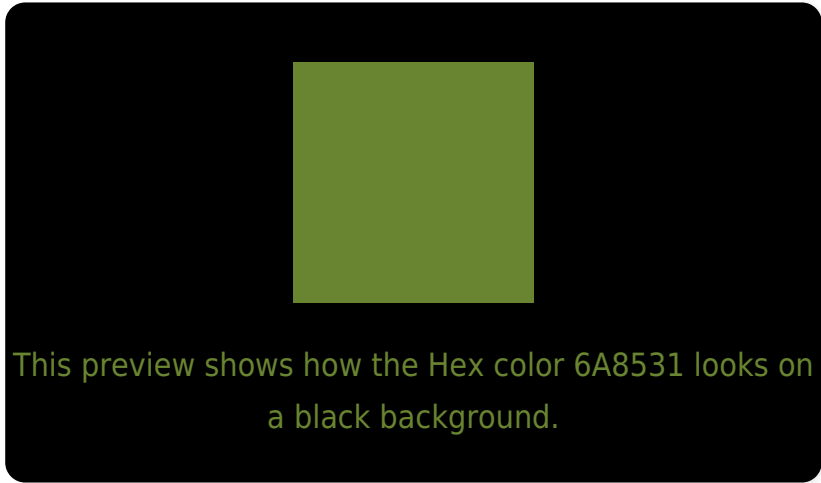
Large Text (above 18pt) WCAG AA ✓ Pass

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

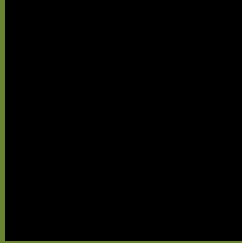
Any Text WCAG AA ✓ Pass

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 6A8531 Background



This preview shows how black text looks on a background with the Hex color 6A8531.



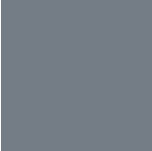
This preview shows how white text looks on a background with the Hex color 6A8531.

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



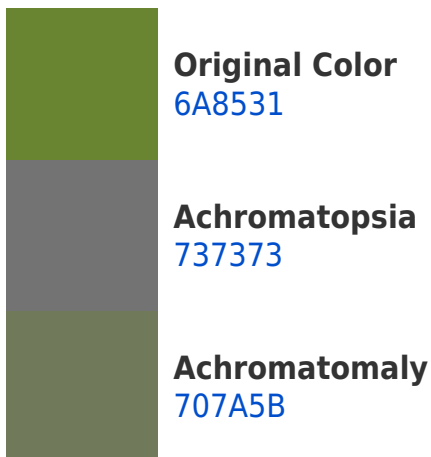


Tritanopia
747D86

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6A8531 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 #6A8531 looks like.

```
.text, #text, p{  
    color:#6A8531  
}
```

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 #6A8531 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A8531
}
```

Border

The CSS property to change the border of an element to Hex 6A8531 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
#6A8531 }
```

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

```
.border{ border-color:#6A8531 }
```

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

Here you see how a box with a 4 pixel #6A8531 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A8531; -webkit-box-shadow:4px 4px  
4px 4px #6A8531; box-shadow:4px 4px 4px  
4px #6A8531 }
```

Background

The CSS property to change the background color of an element to Hex 6A8531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A8531 }
```

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

```
.background{ background-color:#6A8531 }
```

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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