

Converting Colors

Hex(6B8246)

Have a look what the booklet for
Hex(6B8246) contains.

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Color

Hex(6B8246)

Conversions

Conversions Part 1

Format	Color
Hex	6B8246
RGB	107, 130, 70
RGB Percent	42%, 51%, 27%
CMY	0.5804, 0.4902, 0.7255
CMYK	0.18, 0.00, 0.46, 0.49
HSL	83°, 30%, 39%
HSV	83°, 46%, 51%
XYZ	15.1515, 19.5333, 8.7661
YIQ	116.2830, 5.5520, -23.5360

Conversions

Conversions Part 2

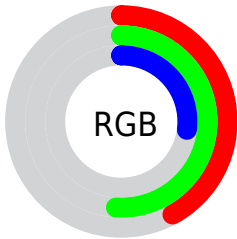
Format	Color
RYB	70, 130, 93
Decimal	7045702
CIELab	51.31, -19.00, 29.68
CIElCh	51, 35.244, 122.624
Yxy	19.5333, 0.3487, 0.4495
Android (android.graphics.Color)	4285235782 (0xFF6B8246)
YUV	116.2830, -22.8175, -8.1412
Hunter-Lab	44.1964, -16.1500, 19.1777

Details

The Hex color **6B8246** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **5D4682**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **9FB778**, and **3A5118** is the 20% darker color. If you saturate the color by 10%, you get **668239**, and if you desaturate by 10%, it is **708253**.

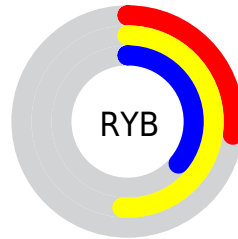
Distribution



Red (42%)

Green (51%)

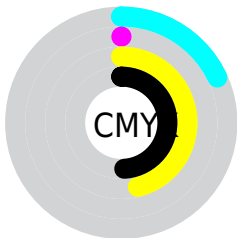
Blue (27%)



Red (27%)

Yellow (51%)

Blue (36%)

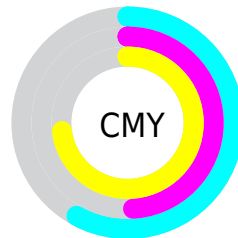


Cyan (18%)

Magenta (0%)

Yellow (46%)

Black (49%)



Cyan (58%)

Magenta (49%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B8246 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 6B8246 by changing the saturation by 10% instead.

6B8246

6B8246

FFFFFF

52692F

9FB778

3A5118

BBD392

233900

D7EFAC

0B2400

F4FFC8

000900

FFFFE4

000000

6B8246

6B8246

668239

708253

61822C

758260

■ 5C821F

■ 7A826D

■ 578212

■ 7F827A

■ 528205

■ 848287

■ 508200

■ 898294

■ 8E82A1

■ 9382AE

■ 9882BB

Harmonies

Analogous

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



8A793D



6B8246



45885D

Triad

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



6B8246



0085AF



B26279

Complementary

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



6B8246



5D4682

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.



A26796



6B8246



4E7CB6

Square

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



6B8246



00899A



8071AD



B2655B

Rectangle

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



6B8246



218972



8071AD



AF6283

Sweetspot

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



6B8246



9FA891



825D46



4F5446



D4D4D4



545454

Same Dimension

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



6B8246



85A84C



4D8246



3D4039



4F8000



000000

Inverse Universe

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



5D4682



6F4CA8



7B4682



3C3940



310080



000000

Previews

White Background



This preview shows how the Hex color 6B8246 looks on a white background.

Color Contrast Check

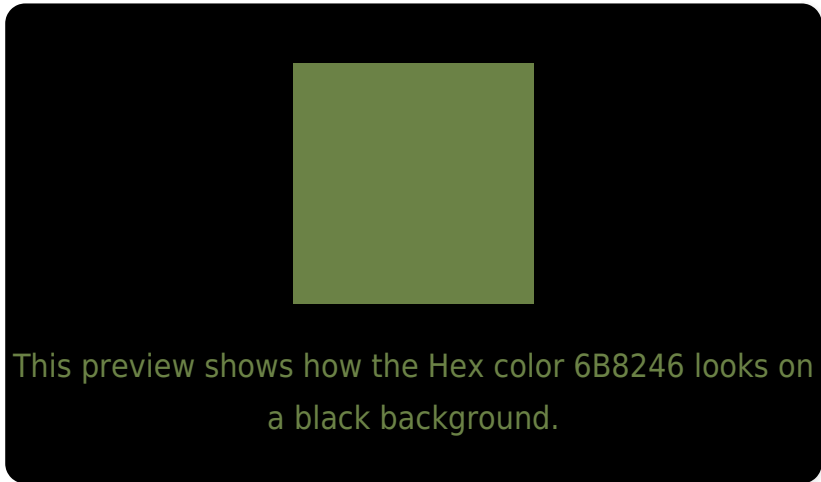
Large Text (above 18pt) WCAG AA ✓ Pass

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

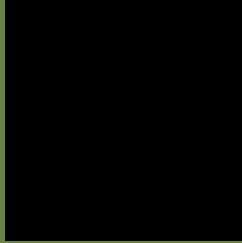
Any Text WCAG AA ✓ Pass

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 6B8246 Background



This preview shows how black text looks on a background with the Hex color 6B8246.

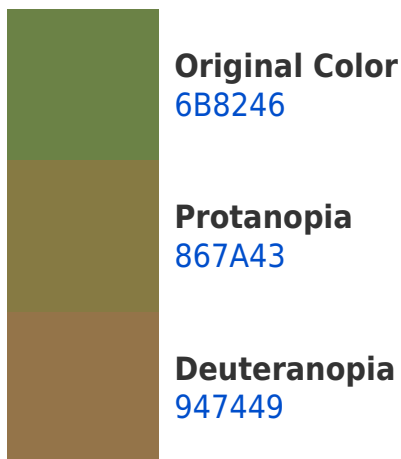


This preview shows how white text looks on a background with the Hex color 6B8246.

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
737B85

Trichromacy



Original Color
6B8246

Protanomaly
7C7D44

Deuteranomaly
857948

Tritanomaly
707E6E

Monochromacy



Original Color
6B8246

Achromatopsia
747474

Achromatomaly
717963

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B8246 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 #6B8246 looks like.

```
.text, #text, p{  
    color:#6B8246  
}
```

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 #6B8246 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B8246
}
```

Border

The CSS property to change the border of an element to Hex 6B8246 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
#6B8246 }
```

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

```
.border{ border-color:#6B8246 }
```

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

Here you see how a box with a 4 pixel #6B8246 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B8246; -webkit-box-shadow:4px 4px  
4px 4px #6B8246; box-shadow:4px 4px 4px  
4px #6B8246 }
```

Background

The CSS property to change the background color of an element to Hex 6B8246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B8246 }
```

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

```
.background{ background-color:#6B8246 }
```

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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