

Converting Colors

Hex(B6A833)

Have a look what the booklet for
Hex(B6A833) contains.

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Color

Hex(B6A833)

Conversions

Conversions Part 1	
Format	Color
Hex	B6A833
RGB	182, 168, 51
RGB Percent	71%, 66%, 20%
CMY	0.2863, 0.3412, 0.8000
CMYK	0.00, 0.08, 0.72, 0.29
HSL	54°, 56%, 46%
HSV	54°, 72%, 71%
XYZ	33.8916, 38.1894, 8.7170
YIQ	158.8480, 45.9010, -33.4190

Conversions

Conversions Part 2

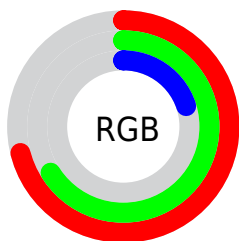
Format	Color
RYB	67, 182, 51
Decimal	11970611
CIELab	68.16, -8.20, 58.91
CIELCh	68, 59.473, 97.925
Yxy	38.1894, 0.4195, 0.4727
Android (android.graphics.Color)	4290160691 (0xFFB6A833)
YUV	158.8480, -53.1691, 20.3043
Hunter-Lab	61.7975, -10.2511, 34.8950

Details

The Hex color **B6A833** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **3341B6**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **F1DF69**, and **7D7400** is the 20% darker color. If you saturate the color by 10%, you get **B6A621**, and if you desaturate by 10%, it is **B6AA45**.

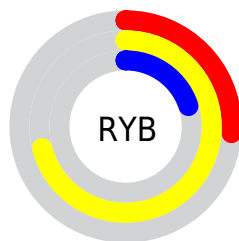
Distribution



Red (71%)

Green (66%)

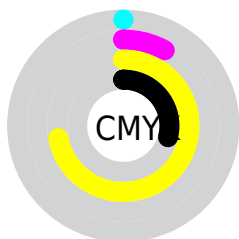
Blue (20%)



Red (26%)

Yellow (71%)

Blue (20%)

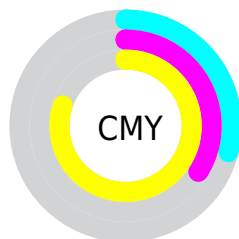


Cyan (0%)

Magenta (8%)

Yellow (72%)

Black (29%)



Cyan (29%)

Magenta (34%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color B6A833 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 B6A833 by changing the saturation by 10% instead.

 B6A833

FFFFFF

 F1DF69

 FFFB84

 FFFFA0

 FFFFBC

 FFFFD8

 FFFFF5

 B6A833


 998E13

 7D7400

 625C00

 484500

 2E2F00

 151A00

 000000

 B6A833

 B6A621

 B6A833

 B6AA45

 B6A40F

 B6AC57

 B6A300

 B6AE6A

 B6B07C

 B6B28E

 B6B4A0

 B6B6B2

 B6B8C5

 B6BAD7

Harmonies

Analogous

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



E39540



B6A833



7DB64C

Triad

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



B6A833



00BFE7



F37DD0

Complementary

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



B6A833



3341B6

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.



BC92FB



B6A833



00B7FF

Square

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



B6A833



00C0B3



57A7FF



FF759A

Rectangle

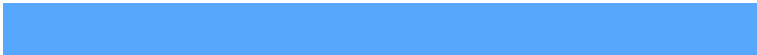
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



B6A833



48BC6A



57A7FF



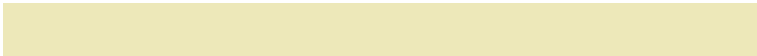
E483E0

Sweetspot

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



B6A833



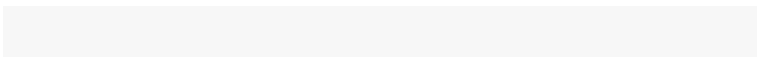
EDE8B9



B63342



787559



F7F7F7



787878

Same Dimension

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



B6A833



EDD721



84B633



5C5B53



9C8B00



1C1900

Inverse Universe

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



3341B6



2137ED



6533B6



53545C



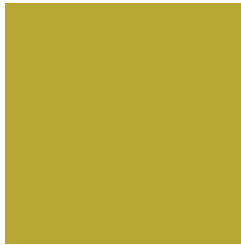
00119C



00031C

Previews

White Background



This preview shows how the Hex color B6A833 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color B6A833 looks on a 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 ✓ Pass

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

Hex B6A833 Background



This preview shows how black text looks on a background with the Hex color B6A833.



This preview shows how white text looks on a background with the Hex color B6A833.

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



Original Color
B6A833


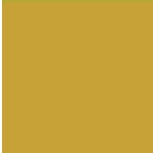


Protanopia
BAA733

Deuteranopia
D09E37






Tritanopia
C09DA9

Trichromacy

	Original Color B6A833
	Protanomaly B9A733
	Deuteranomaly C7A236
	Tritanomaly BCA17E

Monochromacy

	Original Color B6A833
	Achromatopsia 9F9F9F
	Achromatomaly A7A278

CSS Examples

Text

The CSS property to change the color of the text to Hex B6A833 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 #B6A833 looks like.

```
.text, #text, p{  
    color:#B6A833  
}
```

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 #B6A833 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B6A833
}
```

Border

The CSS property to change the border of an element to Hex B6A833 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
#B6A833 }
```

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

```
.border{ border-color:#B6A833 }
```

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

Here you see how a box with a 4 pixel #B6A833 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B6A833; -webkit-box-shadow:4px 4px  
4px 4px #B6A833; box-shadow:4px 4px 4px  
4px #B6A833 }
```

Background

The CSS property to change the background color of an element to Hex B6A833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B6A833 }
```

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

```
.background{ background-color:#B6A833 }
```

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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