

Converting Colors

Hex(B6A031)

Have a look what the booklet for
Hex(B6A031) contains.

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Color

Hex(B6A031)

Conversions

Conversions Part 1

Format	Color
Hex	B6A031
RGB	182, 160, 49
RGB Percent	71%, 63%, 19%
CMY	0.2863, 0.3725, 0.8078
CMYK	0.00, 0.12, 0.73, 0.29
HSL	50°, 58%, 45%
HSV	50°, 73%, 71%
XYZ	32.4166, 35.3084, 8.0124
YIQ	153.9240, 48.7430, -29.8570

Conversions

Conversions Part 2

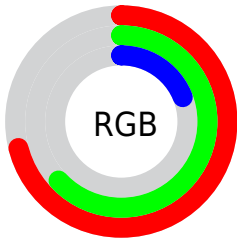
Format	Color
RYB	75, 182, 49
Decimal	11968561
CIELab	65.99, -4.06, 57.55
CIELCh	66, 57.691, 94.034
Yxy	35.3084, 0.4280, 0.4662
Android (android.graphics.Color)	4290158641 (0xFFB6A031)
YUV	153.9240, -51.7275, 24.6227
Hunter-Lab	59.4209, -6.6074, 33.5999

Details

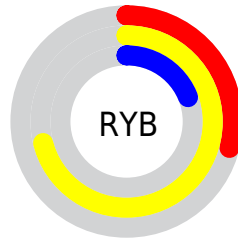
The Hex color **B6A031** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **3147B6**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **F1D667**, and **7D6D00** is the 20% darker color. If you saturate the color by 10%, you get **B69D1F**, and if you desaturate by 10%, it is **B6A343**.

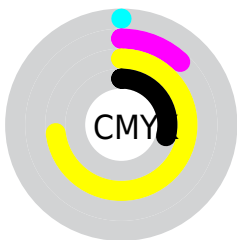
Distribution



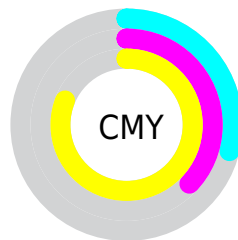
- Red (71%)
- Green (63%)
- Blue (19%)



- Red (29%)
- Yellow (71%)
- Blue (19%)



- Cyan (0%)
- Magenta (12%)
- Yellow (73%)
- Black (29%)



- Cyan (29%)
- Magenta (37%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color B6A031 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 B6A031 by changing the saturation by 10% instead.

 B6A031

 B6A031

FFFFFF

 998612

 F1D667

 7D6D00

 FFF381

 625500

 FFFF9D

 473E00

 FFFFB9

 2E2800

 FFFFD5


 141500

 FFFFF2

 000000

 B6A031

 B6A031

 B69D1F

 B6A343

 B69A0D

 B6A655

 B69800

 B6A968

 B6AC7A

 B6AF8C

 B6B29E

 B6B5B0

 B6B8C3

 B6BBD5

Harmonies

Analogous

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



E08D42



B6A031



80AE45

Triad

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



B6A031



00B8D9



E57BCF

Complementary

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



B6A031



3147B6

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.



AC90F7



B6A031



00B2FD

Square

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



B6A031



00BAA6



3EA4FF



FE719B

Rectangle

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



B6A031



52B461



3EA4FF



D681DE

Sweetspot

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



B6A031



EDE5B9



B63147



787359



F7F7F7



787878

Same Dimension

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



B6A031



EDCB1C



8AB631



5C5A53



9C8200



1C1700

Inverse Universe

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



3147B6



1C3FED



5D31B6



53545C



001A9C



00051C

Previews

White Background



This preview shows how the Hex color B6A031 looks on a white background.

Color Contrast Check

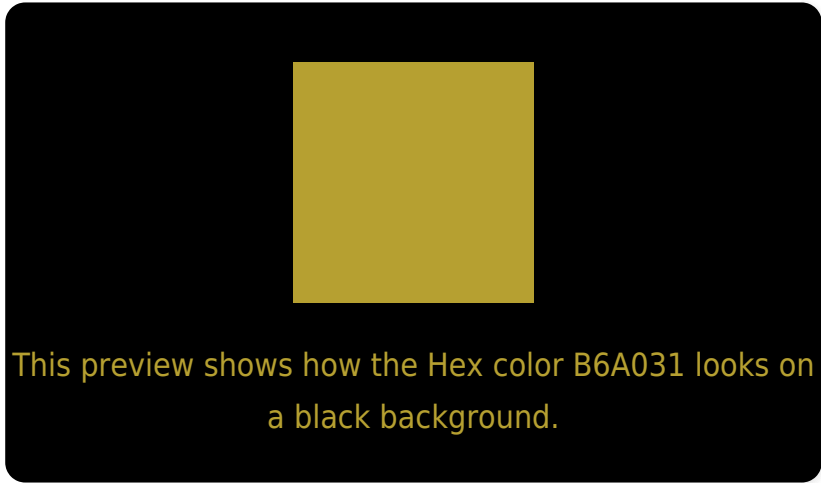
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 B6A031 Background



This preview shows how black text looks on a background with the Hex color B6A031.



This preview shows how white text looks on a background with the Hex color B6A031.

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
B6A031

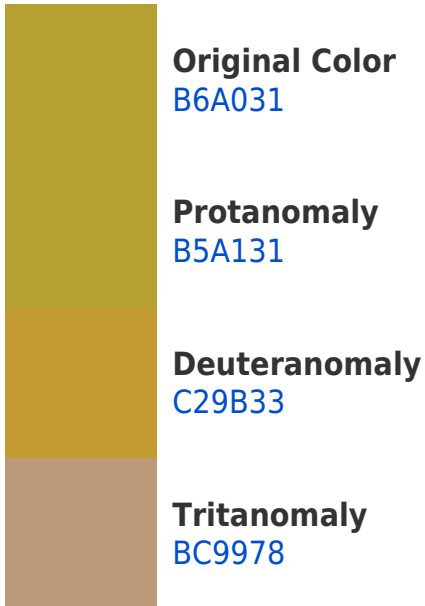
Protanopia
B4A131

Deuteranopia
C99834

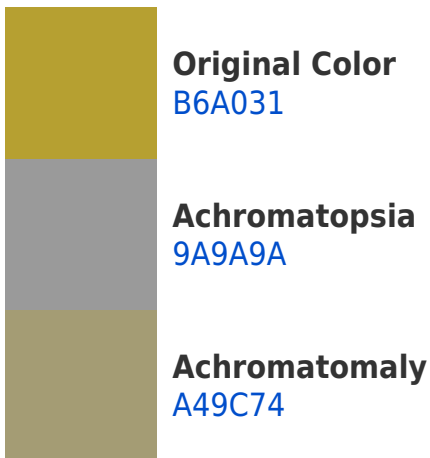


Tritanopia
BF95A1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B6A031 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 #B6A031 looks like.

```
.text, #text, p{  
    color:#B6A031  
}
```

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 #B6A031 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B6A031
}
```

Border

The CSS property to change the border of an element to Hex B6A031 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
#B6A031 }
```

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

```
.border{ border-color:#B6A031 }
```

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

Here you see how a box with a 4 pixel #B6A031 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B6A031; -webkit-box-shadow:4px 4px  
4px 4px #B6A031; box-shadow:4px 4px 4px  
4px #B6A031 }
```

Background

The CSS property to change the background color of an element to Hex B6A031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B6A031 }
```

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

```
.background{ background-color:#B6A031 }
```

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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