

Converting Colors

Hex(B5A033)

Have a look what the booklet for
Hex(B5A033) contains.

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Color

Hex(B5A033)

Conversions

Conversions Part 1

Format	Color
Hex	B5A033
RGB	181, 160, 51
RGB Percent	71%, 63%, 20%
CMY	0.2902, 0.3725, 0.8000
CMYK	0.00, 0.12, 0.72, 0.29
HSL	50°, 56%, 45%
HSV	50°, 72%, 71%
XYZ	32.2244, 35.2044, 8.2287
YIQ	153.8530, 47.5050, -29.4470

Conversions

Conversions Part 2

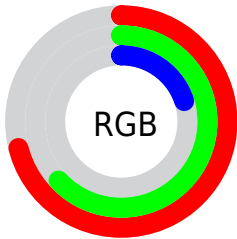
Format	Color
RYB	76, 181, 51
Decimal	11903027
CIELab	65.91, -4.40, 56.66
CIELCh	66, 56.833, 94.443
Yxy	35.2044, 0.4259, 0.4653
Android (android.graphics.Color)	4290093107 (0xFFB5A033)
YUV	153.8530, -50.7065, 23.8079
Hunter-Lab	59.3333, -6.8884, 33.3106

Details

The Hex color **B5A033** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **3348B5**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **F0D668**, and **7C6D00** is the 20% darker color. If you saturate the color by 10%, you get **B59D21**, and if you desaturate by 10%, it is **B5A345**.

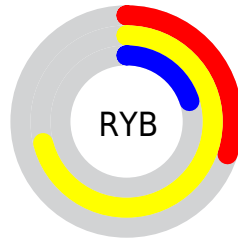
Distribution



Red (71%)

Green (63%)

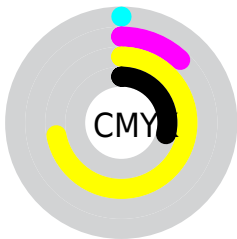
Blue (20%)



Red (30%)

Yellow (71%)

Blue (20%)

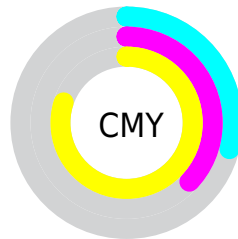


Cyan (0%)

Magenta (12%)

Yellow (72%)

Black (29%)



Cyan (29%)

Magenta (37%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color B5A033 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 B5A033 by changing the saturation by 10% instead.

 B5A033

 B5A033

FFFFFF

 988615

 F0D668

 7C6D00

 FFF383

 615500

 FFFF9E

 473E00

 FFFFBA

 2D2800

 FFFFD7

 131500

 FFFFF4

 000000

 B5A033

 B5A033

 B59D21

 B5A345

 B59A0F

 B5A657

 B59800

 B5A969

 B5AC7B

 B5AF8E

 B5B2A0

 B5B4B2

 B5B7C4

 B5BAD6

Harmonies

Analogous

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



DF8D43



B5A033



80AE47

Triad

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



B5A033



00B8D8



E47BCD

Complementary

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



B5A033



3348B5

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.



AD90F5



B5A033



00B1FC

Square

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



B5A033



00B9A6



44A3FF



FD729B

Rectangle

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



B5A033



52B462



44A3FF



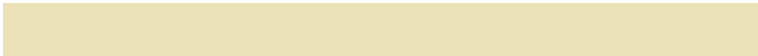
D581DC

Sweetspot

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



B5A033



EBE2B7



B53349



757057



F5F5F5



757575

Same Dimension

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



B5A033



EBCA21



8AB533



595850



998000



1A1500

Inverse Universe

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



3348B5



2141EB



5E33B5



505259



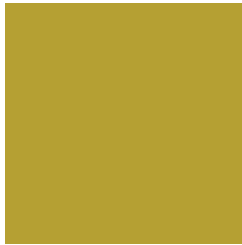
001999



00041A

Previews

White Background



This preview shows how the Hex color B5A033 looks on a white background.

Color Contrast Check

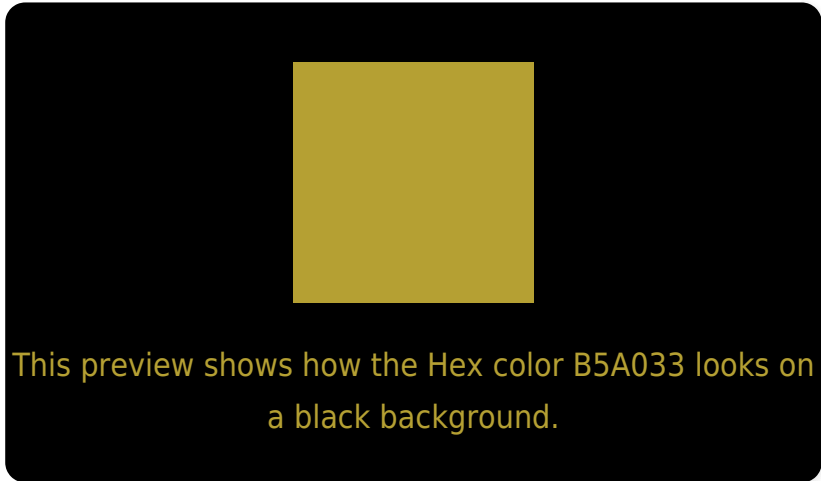
Large Text (above 18pt) WCAG AA × Fail

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 B5A033 Background



This preview shows how black text looks on a background with the Hex color B5A033.



This preview shows how white text looks on a background with the Hex color B5A033.

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
B5A033

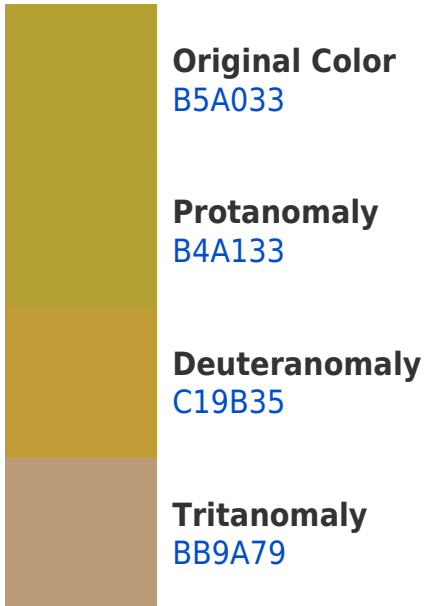
Protanopia
B3A133

Deuteranopia
C89836

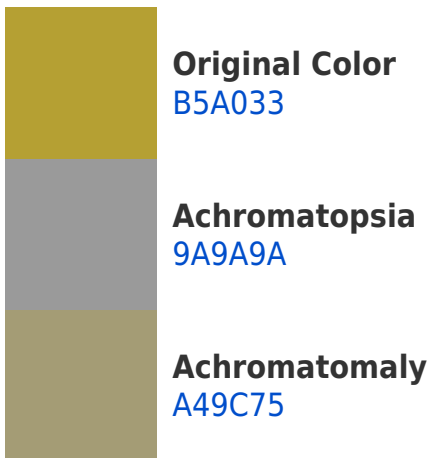


Tritanopia
BE96A1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B5A033 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 #B5A033 looks like.

```
.text, #text, p{  
    color:#B5A033  
}
```

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 #B5A033 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5A033
}
```

Border

The CSS property to change the border of an element to Hex B5A033 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
#B5A033 }
```

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

```
.border{ border-color:#B5A033 }
```

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

Here you see how a box with a 4 pixel #B5A033 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5A033; -webkit-box-shadow:4px 4px  
4px 4px #B5A033; box-shadow:4px 4px 4px  
4px #B5A033 }
```

Background

The CSS property to change the background color of an element to Hex B5A033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5A033 }
```

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

```
.background{ background-color:#B5A033 }
```

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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