

Converting Colors

Hex(B3A000)

Have a look what the booklet for
Hex(B3A000) contains.

Hex(B3A000)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B3A000)

Conversions

Conversions Part 1

Format	Color
Hex	B3A000
RGB	179, 160, 0
RGB Percent	70%, 63%, 0%
CMY	0.2980, 0.3725, 1.0000
CMYK	0.00, 0.11, 1.00, 0.30
HSL	54°, 100%, 35%
HSV	54°, 100%, 70%
XYZ	31.1612, 34.7253, 5.0603
YIQ	147.4410, 62.6840, -45.7320

Conversions

Conversions Part 2

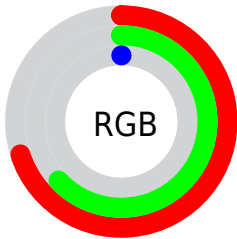
Format	Color
R _Y B	21, 179, 0
Decimal	11771904
CIE Lab	65.53, -6.67, 68.67
CIE LCh	66, 68.993, 95.549
Yxy	34.7253, 0.4392, 0.4895
Android (android.graphics.Color)	4289961984 (0xFFB3A000)
YUV	147.4410, -72.6884, 27.6772
Hunter-Lab	58.9282, -8.7336, 36.1584

Details

The Hex color **B3A000** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **0013B3**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **EFD64B**, and **7A6D00** is the 20% darker color. If you saturate the color by 10%, you get **B3A000**, and if you desaturate by 10%, it is **B3A212**.

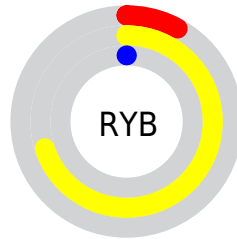
Distribution



Red (70%)

Green (63%)

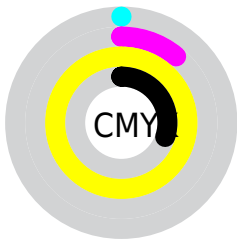
Blue (0%)



Red (8%)

Yellow (70%)

Blue (0%)

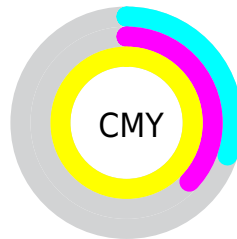


Cyan (0%)

Magenta (11%)

Yellow (100%)

Black (30%)



Cyan (30%)

Magenta (37%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color B3A000 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 B3A000 by changing the saturation by 10% instead.

 B3A000

 B3A000

FFFFFF

 968600

 EFD64B

 7A6D00

 FFF367

 5E5500

 FFFF83

 433E00

 FFFF9F

 292900

 FFFFBB

 0D1500

 FFFFD8

 000000

 FFFFF5

 B3A000

 B3A212

 B3A424

 B3A636

 B3A848

 B3AA5A

 B3AB6B

 B3AD7D

 B3AF8F

 B3B1A1

Harmonies

Analogous

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



E58927



B3A000



72B02F

Triad

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



B3A000



00BBE6



F26ED4

Complementary

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



B3A000



0013B3

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.



AF89FF



B3A000



00B3FF

Square

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



B3A000



00BCA9



00A3FF



FF6196

Rectangle

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



B3A000



2CB655



00A3FF



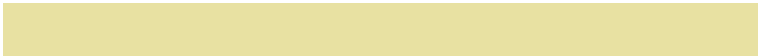
E176E6

Sweetspot

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



B3A000



E8E1A2



B30015



75714B



F5F5F5



757575

Same Dimension

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



B3A000



E8CF00



6EB300



595850



998900



1A1700

Inverse Universe

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



0013B3



0019E8



4500B3



505159



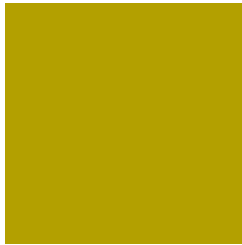
001099



00031A

Previews

White Background



This preview shows how the Hex color B3A000 looks on a white background.

Color Contrast Check

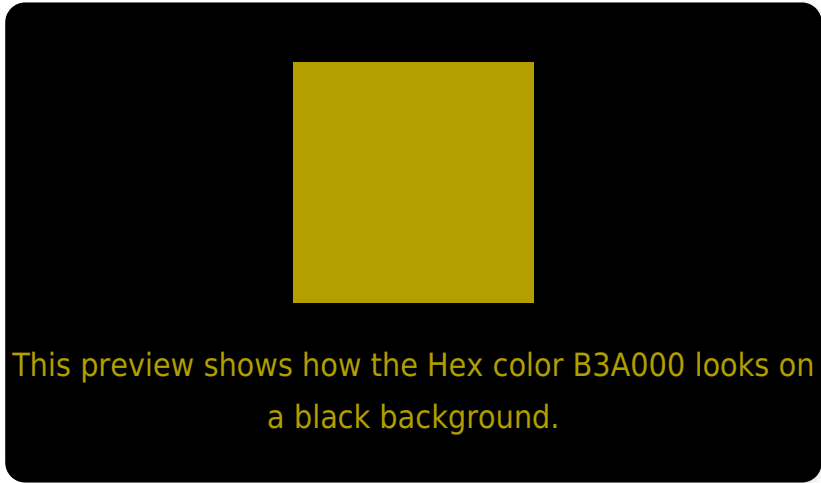
Large Text (above 18pt) WCAG AA × Fail

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 B3A000 Background



This preview shows how black text looks on a background with the Hex color B3A000.



This preview shows how white text looks on a background with the Hex color B3A000.

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
B3A000

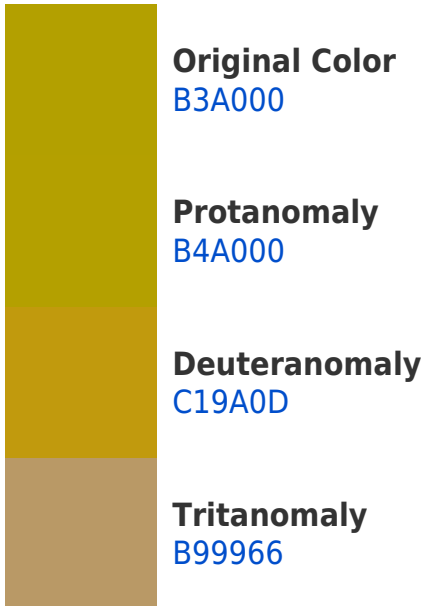
Protanopia
B4A000

Deuteranopia
C99714

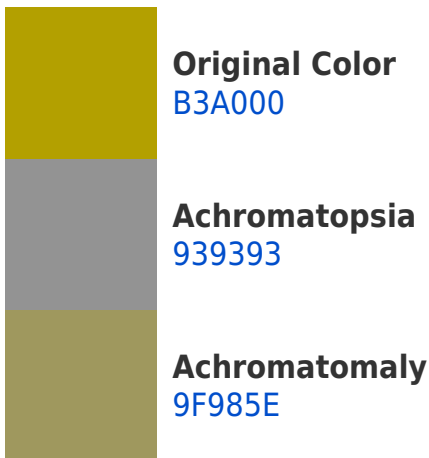


Tritanopia
BC95A0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B3A000 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 #B3A000 looks like.

```
.text, #text, p{  
    color:#B3A000  
}
```

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 #B3A000 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3A000
}
```

Border

The CSS property to change the border of an element to Hex B3A000 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
#B3A000 }
```

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

```
.border{ border-color:#B3A000 }
```

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

Here you see how a box with a 4 pixel #B3A000 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3A000; -webkit-box-shadow:4px 4px  
4px 4px #B3A000; box-shadow:4px 4px 4px  
4px #B3A000 }
```

Background

The CSS property to change the background color of an element to Hex B3A000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3A000 }
```

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

```
.background{ background-color:#B3A000 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor