

Converting Colors

Hex(BAA240)

Have a look what the booklet for
Hex(BAA240) contains.

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Color

Hex(BAA240)

Conversions

Conversions Part 1

Format	Color
Hex	BAA240
RGB	186, 162, 64
RGB Percent	73%, 64%, 25%
CMY	0.2706, 0.3647, 0.7490
CMYK	0.00, 0.13, 0.66, 0.27
HSL	48°, 49%, 49%
HSV	48°, 66%, 73%
XYZ	34.0954, 36.6499, 10.1276
YIQ	158.0040, 45.7620, -25.3900

Conversions

Conversions Part 2

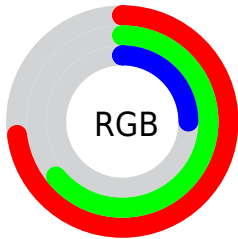
Format	Color
RYB	94, 186, 64
Decimal	12231232
CIELab	67.01, -2.55, 52.51
CIELCh	67, 52.571, 92.779
Yxy	36.6499, 0.4216, 0.4532
Android (android.graphics.Color)	4290421312 (0xFFBAA240)
YUV	158.0040, -46.3440, 24.5525
Hunter-Lab	60.5392, -5.4130, 32.4588

Details

The Hex color **BAA240** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **4058BA**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **F5D974**, and **826F03** is the 20% darker color. If you saturate the color by 10%, you get **BA9E2D**, and if you desaturate by 10%, it is **BAA653**.

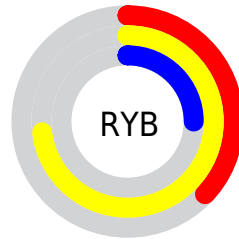
Distribution



Red (73%)

Green (64%)

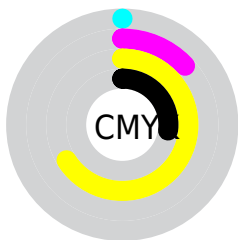
Blue (25%)



Red (37%)

Yellow (73%)

Blue (25%)

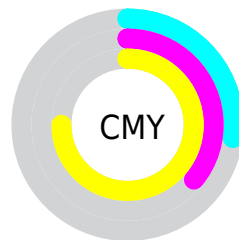


Cyan (0%)

Magenta (13%)

Yellow (66%)

Black (27%)



Cyan (27%)

Magenta (36%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color BAA240 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 BAA240 by changing the saturation by 10% instead.

 BAA240

 BAA240

FFFFFF

 9D8825

 F5D974

 826F03

 FFF58F

 665700

 FFFFFA

 4C4000

 FFFFC6

 322A00

 FFFFEE

 191600

 000000

 BAA240

 BAA240

 BA9E2D

 BAA653

 BA9B1B

 BAA965

 BA9708

 BAAD78

 BA9500

 BAB18A

 BAB49D

 BAB8B0

 BABCC2

 BABFD5

 BAC3E7

Harmonies

Analogous

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



E0914F



BAA240



89AF50

Triad

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



BAA240



00BAD5



E183CF

Complementary

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



BAA240



4058BA

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.



AC95F3



BAA240



00B3F6

Square

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



BAA240



00BBA6



51A7FF



F97AA1

Rectangle

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



BAA240



61B568



51A7FF



D288DD

Sweetspot

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



BAA240



F2E9C2



BA4058



7A755D



FAFAFA



7A7A7A

Same Dimension

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



BAA240



F2CD33



95BA40



5C5A53



9C7D00



1C1700

Inverse Universe

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



4058BA



3359F2



6540BA



53545C



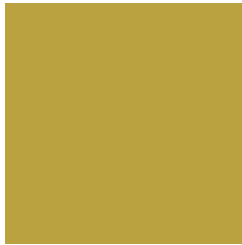
001F9C



00061C

Previews

White Background



This preview shows how the Hex color BAA240 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 BAA240 Background



This preview shows how black text looks on a background with the Hex color BAA240.



This preview shows how white text looks on a background with the Hex color BAA240.

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
BAA240

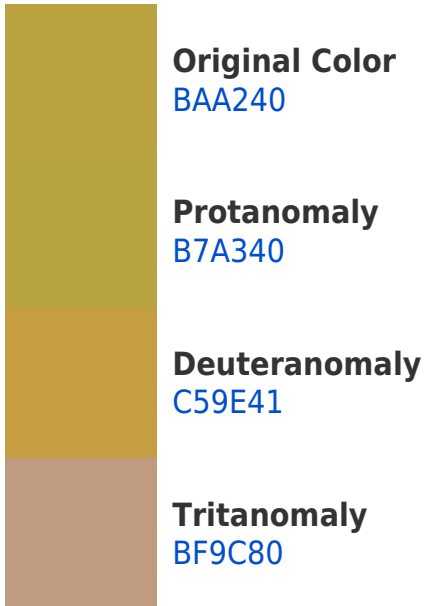
Protanopia
B6A340

Deuteranopia
CB9B42

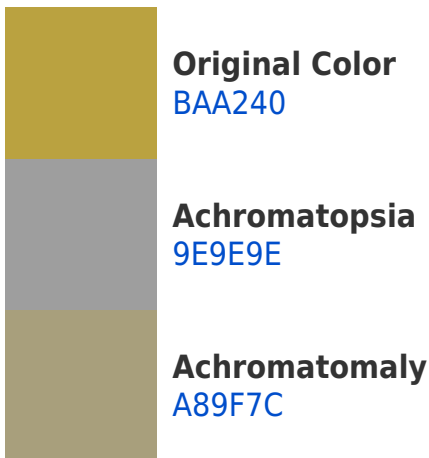


Tritanopia
C298A4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BAA240 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 #BAA240 looks like.

```
.text, #text, p{  
    color:#BAA240  
}
```

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 #BAA240 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BAA240
}
```

Border

The CSS property to change the border of an element to Hex BAA240 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
#BAA240 }
```

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

```
.border{ border-color:#BAA240 }
```

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

Here you see how a box with a 4 pixel #BAA240 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BAA240; -webkit-box-shadow:4px 4px  
4px 4px #BAA240; box-shadow:4px 4px 4px  
4px #BAA240 }
```

Background

The CSS property to change the background color of an element to Hex BAA240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BAA240 }
```

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

```
.background{ background-color:#BAA240 }
```

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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