

Converting Colors

Hex(BAA30A)

Have a look what the booklet for
Hex(BAA30A) contains.

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Color

Hex(BAA30A)

Conversions

Conversions Part 1

Format	Color
Hex	BAA30A
RGB	186, 163, 10
RGB Percent	73%, 64%, 4%
CMY	0.2706, 0.3608, 0.9608
CMYK	0.00, 0.12, 0.95, 0.27
HSL	52°, 90%, 38%
HSV	52°, 95%, 73%
XYZ	33.4017, 36.6554, 5.6019
YIQ	152.4350, 62.8210, -42.7070

Conversions

Conversions Part 2

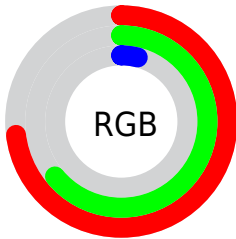
Format	Color
R _Y B	36, 186, 10
Decimal	12231434
CIE Lab	67.02, -4.99, 68.75
CIE LCh	67, 68.929, 94.154
Yxy	36.6554, 0.4415, 0.4845
Android (android.graphics.Color)	4290421514 (0xFFBAA30A)
YUV	152.4350, -70.2205, 29.4365
Hunter-Lab	60.5437, -7.4739, 36.8947

Details

The Hex color **BAA30A** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **0A21BA**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **F6DA4F**, and **807000** is the 20% darker color. If you saturate the color by 10%, you get **BAA200**, and if you desaturate by 10%, it is **BAA51D**.

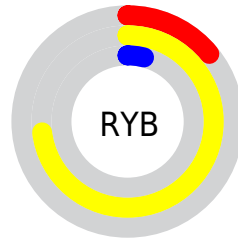
Distribution



Red (73%)

Green (64%)

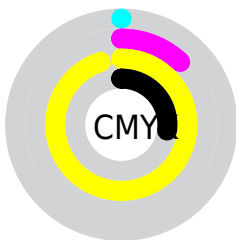
Blue (4%)



Red (14%)

Yellow (73%)

Blue (4%)

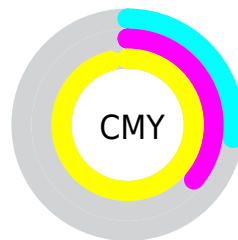


Cyan (0%)

Magenta (12%)

Yellow (95%)

Black (27%)



Cyan (27%)

Magenta (36%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color BAA30A 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 BAA30A by changing the saturation by 10% instead.

 BAA30A

 BAA30A

FFFFFF

 9D8900

 F6DA4F

 807000

 FFF66B

 645800

 FFFF87

 494100

 FFFFA3

 2F2B00

 FFFFBF

 161700

 FFFFDC

 000000

 FFFFFA

 BAA30A

 BAA30A

 BAA200

 BAA51D

 BAA82F

 BAAA42

 BAAD54

 BAAF67

 BAB27A

 BAB48C

 BAB69F

 BAB9B1

Harmonies

Analogous

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



EC8C2D



BAA30A



7AB331

Triad

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



BAA30A



00BFE7



F473DA

Complementary

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



BAA30A



0A21BA

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.



AF8FFF



BAA30A



00B8FF

Square

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



BAA30A



00C0AA



00A8FF



FF659D

Rectangle

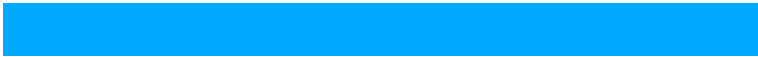
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



BAA30A



39BA56



00A8FF



E27CED

Sweetspot

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



BAA30A



F2E9AE



BA0A21



7A7551



FAFAFA



7A7A7A

Same Dimension

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



BAA30A



F2D300



79BA0A



5C5B53



9C8700



1C1800

Inverse Universe

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



0A21BA



0020F2



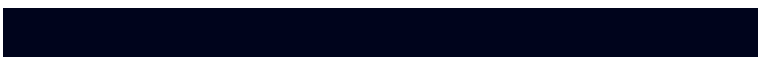
4B0ABA



53545C



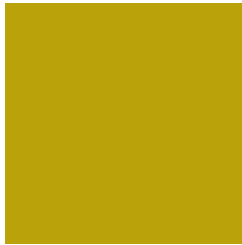
00149C



00041C

Previews

White Background



This preview shows how the Hex color BAA30A looks on a white background.

Color Contrast Check

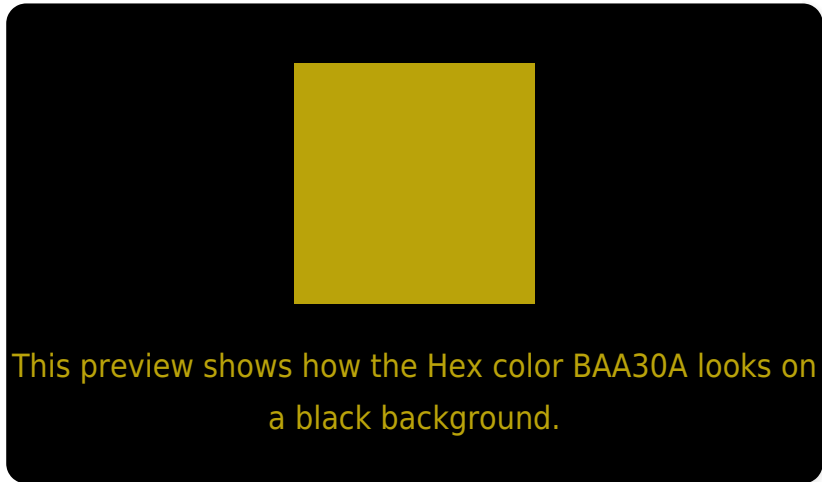
Large Text (above 18pt) WCAG AA × Fail

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 BAA30A Background



This preview shows how black text looks on a background with the Hex color BAA30A.



This preview shows how white text looks on a background with the Hex color BAA30A.

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

BAA30A

Protanopia

B8A40A

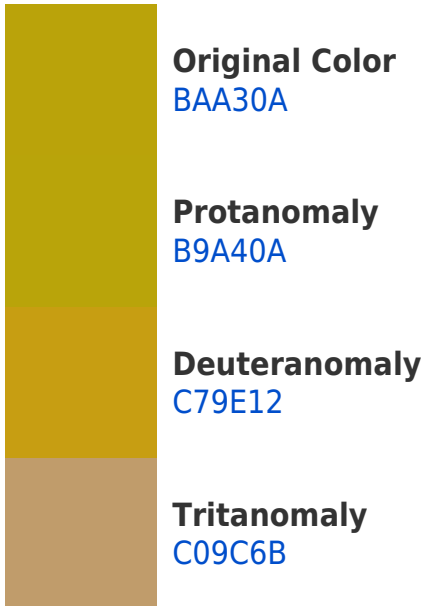
Deuteranopia

CE9B16



Tritanopia
C398A3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BAA30A 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 #BAA30A looks like.

```
.text, #text, p{  
    color:#BAA30A  
}
```

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 #BAA30A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BAA30A
}
```

Border

The CSS property to change the border of an element to Hex BAA30A 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
#BAA30A }
```

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

```
.border{ border-color:#BAA30A }
```

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

Here you see how a box with a 4 pixel #BAA30A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BAA30A; -webkit-box-shadow:4px 4px  
4px 4px #BAA30A; box-shadow:4px 4px 4px  
4px #BAA30A }
```

Background

The CSS property to change the background color of an element to Hex BAA30A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BAA30A }
```

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

```
.background{ background-color:#BAA30A }
```

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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