Converting Colors

Hex(BAA62A)

Have a look what the booklet for Hex(BAA62A) contains.

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Color

Hex(BAA62A)

Conversions

Conversions Part 1

Format	Color
Hex	BAA62A
RGB	186, 166, 42
RGB Percent	73%, 65%, 16%
CMY	0.2706, 0.3490, 0.8353
CMYK	0.00, 0.11, 0.77, 0.27
HSL	52°, 63%, 45%
HSV	52°, 77%, 73%
XYZ	34.3038, 37.8787, 7.6938
YIQ	157.8440, 51.7240, -34.3240

Conversions

Conversions Part 2

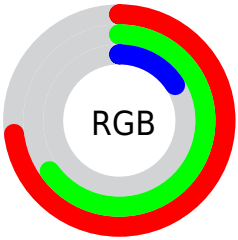
Format	Color
RYB	65, 186, 42
Decimal	12232234
CIELab	67.93, -5.78, 62.02
CIELCh	68, 62.293, 95.326
Yxy	37.8787, 0.4295, 0.4742
Android (android.graphics.Color)	4290422314 (0xFFBAA62A)
YUV	157.8440, -57.1111, 24.6928
Hunter-Lab	61.5457, -8.2140, 35.6702

Details

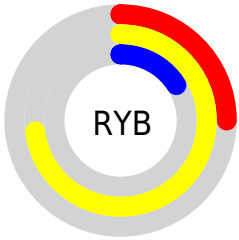
The Hex color BAA62A is a dark color, and the websafe version is hex 999900. A complement of this color would be 2A3EBA, and the grayscale version is 9E9E9E.

A 20% lighter version of the original color is F5DD62, and 817300 is the 20% darker color. If you saturate the color by 10%, you get BAA317, and if you desaturate by 10%, it is BAA93D.

Distribution

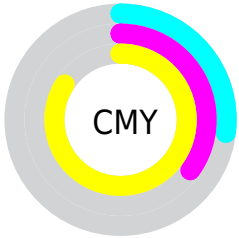


- Red (73%)
- Green (65%)
- Blue (16%)



- Red (25%)
- Yellow (73%)
- Blue (16%)

- Cyan (0%)
- Magenta (11%)
- Yellow (77%)
- Black (27%)



- Cyan (27%)
- Magenta (35%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color BAA62A 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 BAA62A by changing the saturation by 10% instead.

BAA62A	BAA62A
FFFFFF	9D8C02
F5DD62	817300
FFF97D	655A00
FFFF98	4A4300
FFFFB4	302D00
FFFFD1	181900
FFFFEE	000000

BAA62A	BAA62A
BAA317	BAA93D

BAA105

BAA000

BAAB4F

BAAE62

BAB074

BAB387

BAB69A

BAB8AC

BABBBF

BABDD1

Harmonies

Analogous

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

E8913C

BAA62A

7FB543

Triad

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

BAA62A

00BFE5

F27BD6

Complementary

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

BAA62A

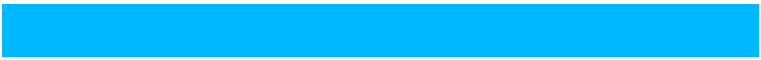
2A3EBA

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.

B592FF

BAA62A



00B8FF

Square

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

BAA62A

00C1AE

3AA9FF

FF719E

Rectangle

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

BAA62A

49BB62

3AA9FF

E282E6

Sweetspot

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

BAA62A

F2EBBB

BA2A40

7A7658

FAFAFA

7A7A7A

Same Dimension

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

BAA62A

F2D311

88BA2A

5C5B53

9C8600

1C1800

Inverse Universe

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

2A3EBA

1130F2

5C2ABA

53545C

00169C

00041C

Previews

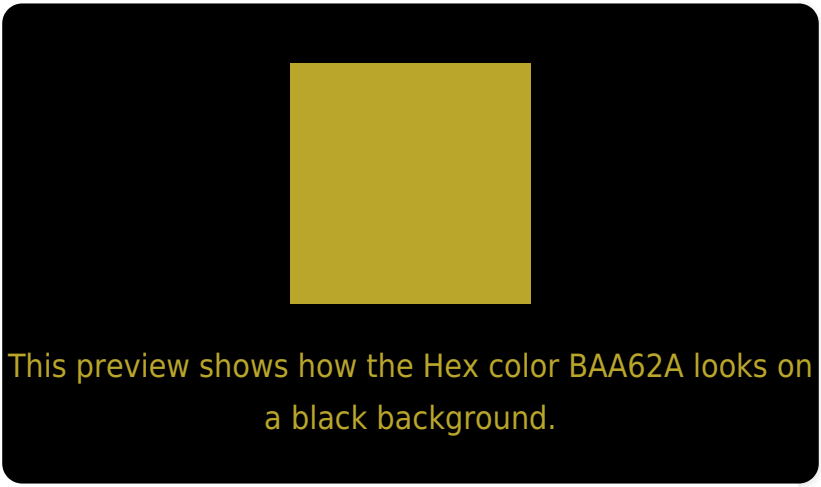
White Background

This preview shows how the Hex color BAA62A 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

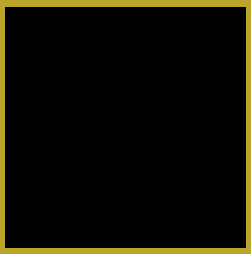


Color Contrast Check

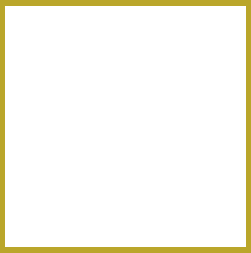
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the Color Contrast Checker.

Hex BAA62A Background



This preview shows how black text looks on a background with the Hex color BAA62A.



This preview shows how white text looks on a background with the Hex color BAA62A.

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
BAA62A

Protanopia
BAA62A

Deuteranopia
D09D2E

Tritanopia
C39BA7

Trichromacy

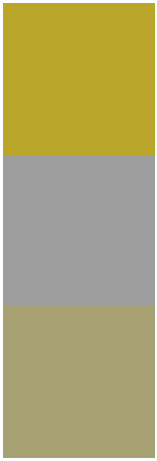
Original Color
BAA62A

Protanomaly
BAA62A

Deuteranomaly
C8A02D

Tritanomaly
C09F7A

Monochromacy



Original Color
BAA62A

Achromatopsia
9E9E9E

Achromatomaly
A8A174

CSS Examples

Text

The CSS property to change the color of the text to Hex BAA62A 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 #BAA62A looks like.

```
.text, #text, p{
    color:#BAA62A
}
```

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 #BAA62A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BAA62A
}
```

Border

The CSS property to change the border of an element to Hex BAA62A 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
#BAA62A }
```

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

```
.border{ border-color:#BAA62A }
```

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

Here you see how a box with a 4 pixel #BAA62A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px #BAA62A; -webkit-box-shadow:4px 4px 4px 4px #BAA62A; box-shadow:4px 4px 4px 4px #BAA62A }
```

Background

The CSS property to change the background color of an element to Hex BAA62A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:#BAA62A }
```

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

```
.background{ background-color:#BAA62A }
```

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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