

Converting Colors

Hex(B6942A)

Have a look what the booklet for
Hex(B6942A) contains.

Hex(B6942A)	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(B6942A)

Conversions

Conversions Part 1

Format	Color
Hex	B6942A
RGB	182, 148, 42
RGB Percent	71%, 58%, 16%
CMY	0.2863, 0.4196, 0.8353
CMYK	0.00, 0.19, 0.77, 0.29
HSL	45°, 63%, 44%
HSV	45°, 77%, 71%
XYZ	30.2992, 31.2921, 6.6335
YIQ	146.0820, 54.2900, -25.7580

Conversions

Conversions Part 2

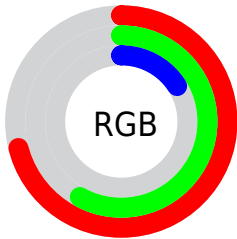
Format	Color
RYB	87, 182, 42
Decimal	11965482
CIELab	62.75, 2.11, 57.08
CIElCh	63, 57.124, 87.887
Yxy	31.2921, 0.4441, 0.4587
Android (android.graphics.Color)	4290155562 (0xFFB6942A)
YUV	146.0820, -51.3124, 31.5001
Hunter-Lab	55.9393, -1.2102, 32.1267

Details

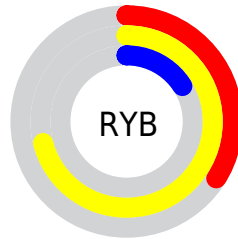
The Hex color **B6942A** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **2A4CB6**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **F1CA60**, and **7D6200** is the 20% darker color. If you saturate the color by 10%, you get **B69018**, and if you desaturate by 10%, it is **B6983C**.

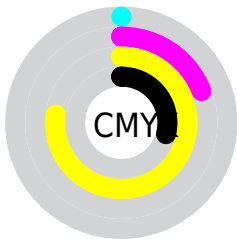
Distribution



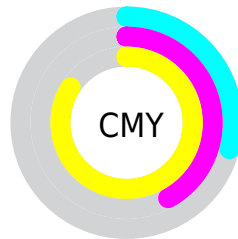
- Red (71%)
- Green (58%)
- Blue (16%)



- Red (34%)
- Yellow (71%)
- Blue (16%)



- Cyan (0%)
- Magenta (19%)
- Yellow (77%)
- Black (29%)



- Cyan (29%)
- Magenta (42%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color B6942A 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 B6942A by changing the saturation by 10% instead.

 B6942A

 B6942A

FFFFFF

 997A07

 F1CA60

 7D6200

 FFE67A

 624A00

 FFFF95

 463400

 FFFFB1

 2D1F00

 FFFFCD


 130800


 FFFFEA

 000000

 B6942A

 B6942A

 B69018

 B6983C

 B68B06

 B69D4E

 B68A00

 B6A161

 B6A673

 B6AA85

 B6AF97

 B6B3A9

 B6B7BC

 B6BCCE

Harmonies

Analogous

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



DD8141



B6942A



84A337

Triad

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



B6942A



00B0C6



D277CF

Complementary

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



B6942A



2A4CB6

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.



938CF2



B6942A



00ABED

Square

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



B6942A



00B092



009FFD



F1699E

Rectangle

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



B6942A



5AA950



009FFD



C17DDC

Sweetspot

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



B6942A



EDE0B7



B62A4D



787056



F7F7F7



787878

Same Dimension

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



B6942A



EDB813



93B62A



5C5A53



9C7600



1C1500

Inverse Universe

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



2A4CB6



1348ED



4D2AB6



53555C



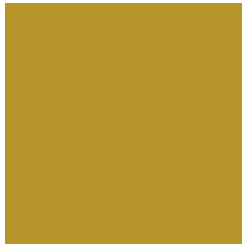
00269C



00071C

Previews

White Background



This preview shows how the Hex color B6942A looks on a white background.

Color Contrast Check

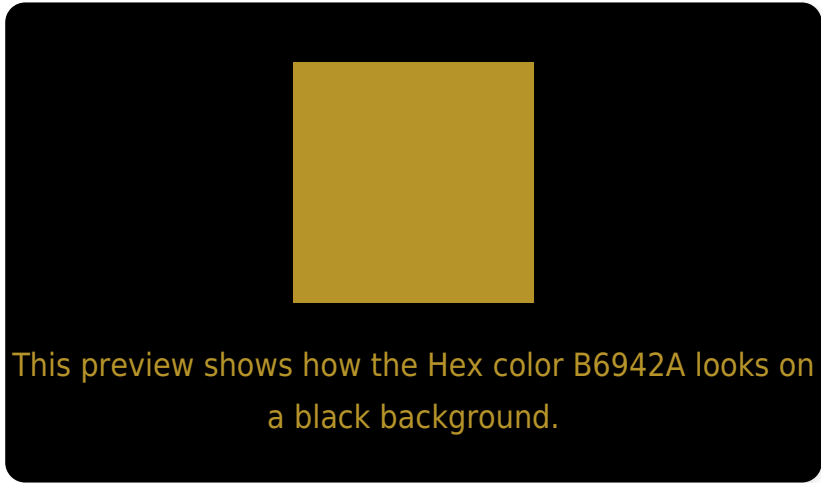
Large Text (above 18pt) WCAG AA × Fail

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 B6942A Background



This preview shows how black text looks on a background with the Hex color B6942A.



This preview shows how white text looks on a background with the Hex color B6942A.

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
B6942A

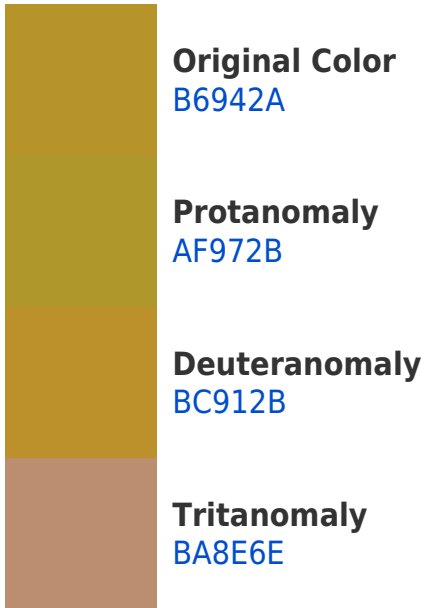
Protanopia
AB982B

Deuteranopia
BF902C

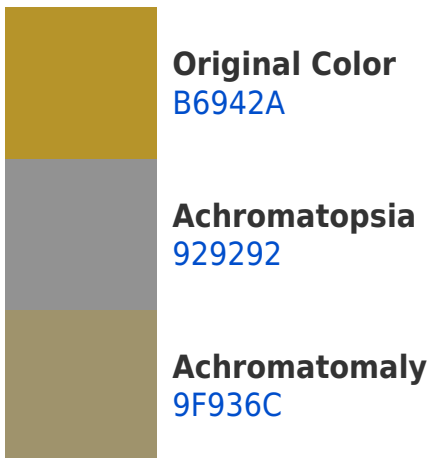


Tritanopia
BD8A95

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B6942A 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 #B6942A looks like.

```
.text, #text, p{  
    color:#B6942A  
}
```

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 #B6942A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B6942A
}
```

Border

The CSS property to change the border of an element to Hex B6942A 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
#B6942A }
```

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

```
.border{ border-color:#B6942A }
```

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

Here you see how a box with a 4 pixel #B6942A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B6942A; -webkit-box-shadow:4px 4px  
4px 4px #B6942A; box-shadow:4px 4px 4px  
4px #B6942A }
```

Background

The CSS property to change the background color of an element to Hex B6942A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B6942A }
```

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

```
.background{ background-color:#B6942A }
```

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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