

Converting Colors

Hex(B9A40A)

Have a look what the booklet for
Hex(B9A40A) contains.

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Color

Hex(B9A40A)

Conversions

Conversions Part 1

Format	Color
Hex	B9A40A
RGB	185, 164, 10
RGB Percent	73%, 64%, 4%
CMY	0.2745, 0.3569, 0.9608
CMYK	0.00, 0.11, 0.95, 0.27
HSL	53°, 90%, 38%
HSV	53°, 95%, 73%
XYZ	33.3378, 36.8871, 5.6500
YIQ	152.7230, 61.9500, -43.4420

Conversions

Conversions Part 2

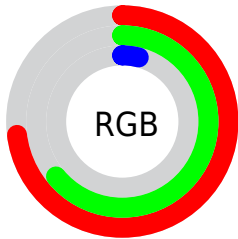
Format	Color
RYB	34, 185, 10
Decimal	12166154
CIELab	67.19, -5.97, 68.84
CIELCh	67, 69.096, 94.957
Yxy	36.8871, 0.4394, 0.4862
Android (android.graphics.Color)	4290356234 (0xFFB9A40A)
YUV	152.7230, -70.3624, 28.3069
Hunter-Lab	60.7348, -8.3057, 36.9987

Details

The Hex color **B9A40A** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **0A1FB9**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **F5DB4F**, and **7F7100** is the 20% darker color. If you saturate the color by 10%, you get **B9A300**, and if you desaturate by 10%, it is **B9A61C**.

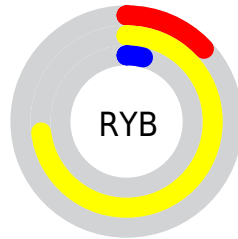
Distribution



Red (73%)

Green (64%)

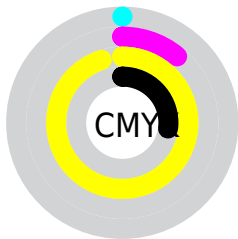
Blue (4%)



Red (13%)

Yellow (73%)

Blue (4%)

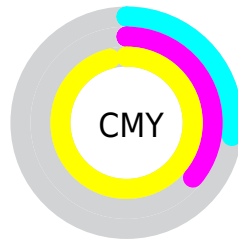


Cyan (0%)

Magenta (11%)

Yellow (95%)

Black (27%)



Cyan (27%)

Magenta (36%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color B9A40A 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 B9A40A by changing the saturation by 10% instead.

 B9A40A

 B9A40A

FFFFFF

 9C8A00

 F5DB4F

 7F7100

 FFF76B

 645900

 FFFF87

 484200

 FFFFA3

 2E2C00

 FFFFC0

 151800

 FFFFDD

 000000

 FFFFFA

 B9A40A

 B9A40A

 B9A300

 B9A61C

 B9A82F

 B9AB41

 B9AD54

 B9AF67

 B9B179

 B9B48B

 B9B69E

 B9B8B1

Harmonies

Analogous

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



EB8D2C



B9A40A



78B433

Triad

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



B9A40A



00BFE9



F673D9

Complementary

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



B9A40A



0A1FB9

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.



B28EFF



B9A40A



00B8FF

Square

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



B9A40A



00C1AC



00A8FF



FF659C

Rectangle

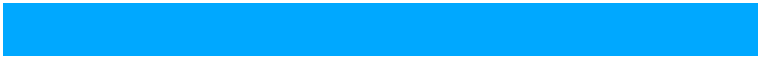
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



B9A40A



35BB58



00A8FF



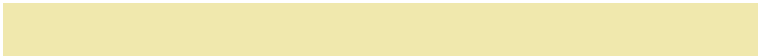
E47BEC

Sweetspot

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



B9A40A



F0E8AD



B90A21



78734F



F7F7F7



787878

Same Dimension

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



B9A40A



F0D300



79B90A



5C5B53



9C8900



1C1900

Inverse Universe

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



0A1FB9



001DF0



4A0AB9



53545C



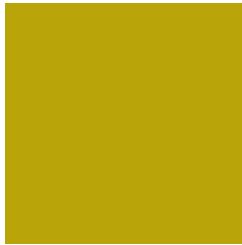
00139C



00031C

Previews

White Background



This preview shows how the Hex color B9A40A looks on a white background.

Color Contrast Check

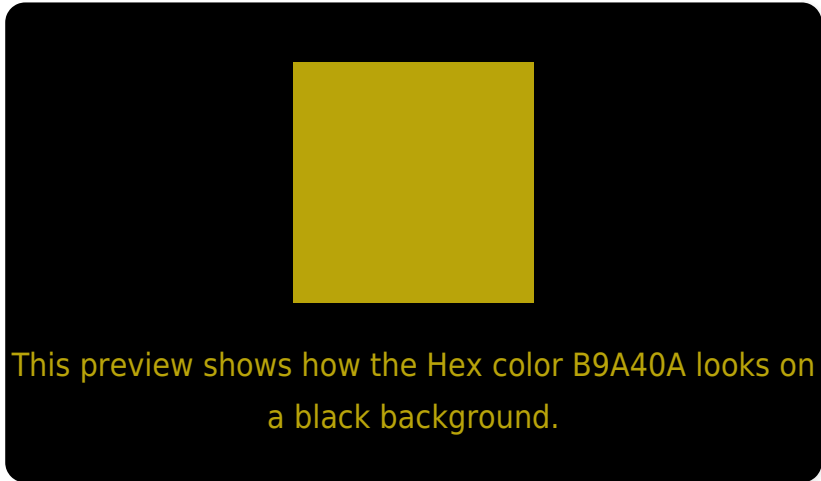
Large Text (above 18pt) WCAG AA × Fail

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 B9A40A Background



This preview shows how black text looks on a background with the Hex color B9A40A.



This preview shows how white text looks on a background with the Hex color B9A40A.

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
B9A40A

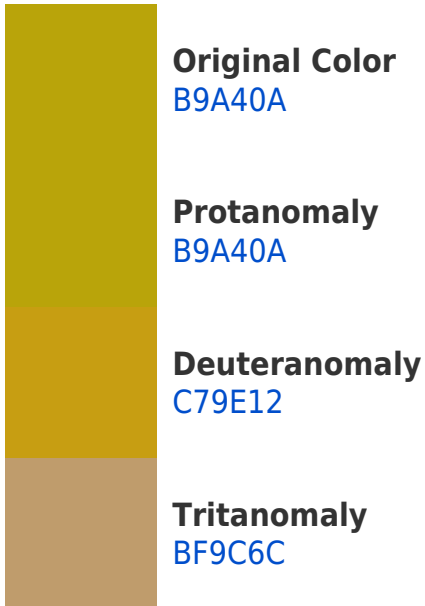
Protanopia
B9A40A

Deuteranopia
CF9B16

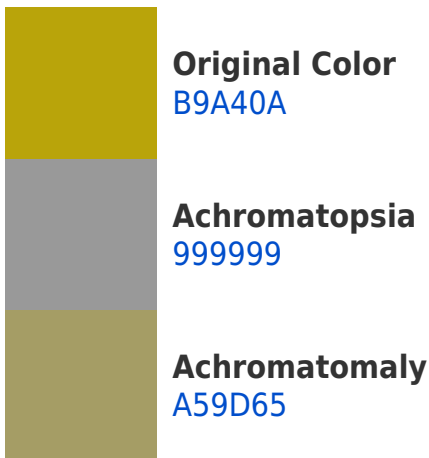


Tritanopia
C298A4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B9A40A 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 #B9A40A looks like.

```
.text, #text, p{  
    color:#B9A40A  
}
```

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 #B9A40A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B9A40A
}
```

Border

The CSS property to change the border of an element to Hex B9A40A 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
#B9A40A }
```

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

```
.border{ border-color:#B9A40A }
```

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

Here you see how a box with a 4 pixel #B9A40A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B9A40A; -webkit-box-shadow:4px 4px  
4px 4px #B9A40A; box-shadow:4px 4px 4px  
4px #B9A40A }
```

Background

The CSS property to change the background color of an element to Hex B9A40A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B9A40A }
```

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

```
.background{ background-color:#B9A40A }
```

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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