

Converting Colors

Hex(B7B40E)

Have a look what the booklet for
Hex(B7B40E) contains.

Hex(B7B40E)	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(B7B40E)

Conversions

Conversions Part 1

Format	Color
Hex	B7B40E
RGB	183, 180, 14
RGB Percent	72%, 71%, 5%
CMY	0.2824, 0.2941, 0.9451
CMYK	0.00, 0.02, 0.92, 0.28
HSL	59°, 86%, 39%
HSV	59°, 92%, 72%
XYZ	35.9290, 42.7415, 6.7717
YIQ	161.9730, 55.0740, -50.9900

Conversions

Conversions Part 2

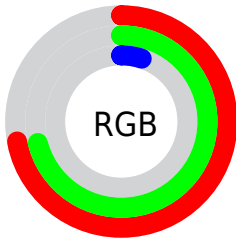
Format	Color
RYB	17, 183, 14
Decimal	12039182
CIELab	71.38, -15.11, 71.41
CIELCh	71, 72.995, 101.946
Yxy	42.7415, 0.4205, 0.5002
Android (android.graphics.Color)	4290229262 (0xFFB7B40E)
YUV	161.9730, -72.9507, 18.4407
Hunter-Lab	65.3770, -16.3122, 39.6226

Details

The Hex color **B7B40E** is a dark color, and the websafe version is hex **CCCC33**. A complement of this color would be **0E11B7**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **F3EC54**, and **7E8000** is the 20% darker color. If you saturate the color by 10%, you get **B7B400**, and if you desaturate by 10%, it is **B7B420**.

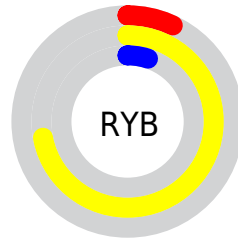
Distribution



Red (72%)

Green (71%)

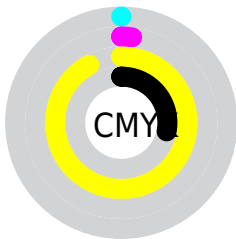
Blue (5%)



Red (7%)

Yellow (72%)

Blue (5%)

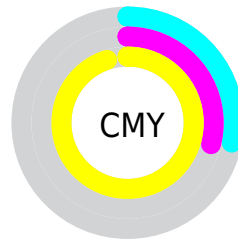


Cyan (0%)

Magenta (2%)

Yellow (92%)

Black (28%)



Cyan (28%)

Magenta (29%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color B7B40E 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 B7B40E by changing the saturation by 10% instead.

 B7B40E

 B7B40E

FFFFFF

 9A9900

 F3EC54

 7E8000

 FFFF70

 626700

 FFFF8C

 464F00

 FFFFA8

 2C3800

 FFFFC5

 132300

 FFFF E2

 000900

 000000

 B7B40E

 B7B40E

 B7B400

 B7B420

 B7B533

 B7B545

 B7B557

 B7B66A

 B7B67C

 B7B68E

 B7B7A0

 B7B7B3

Harmonies

Analogous

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



F09D23



B7B40E



6CC343

Triad

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



B7B40E



00CBFF



FF75DA

Complementary

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



B7B40E



0E11B7

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.



D491FF



B7B40E



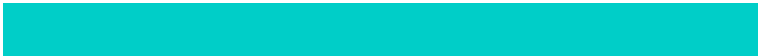
00C1FF

Square

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



B7B40E



00CEC8



50AEFF



FF6D97

Rectangle

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



B7B40E



00C96D



50AEFF



FF7DEF

Sweetspot

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



B7B40E



EDECAB



B70E14



78774F



F7F7F7



787878

Same Dimension

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



B7B40E



EDE900



68B70E



5C5C53



9C9900



1C1C00

Inverse Universe

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



0E11B7



0004ED



5D0EB7



53535C



00039C



00001C

Previews

White Background



This preview shows how the Hex color B7B40E looks on a white background.

Color Contrast Check

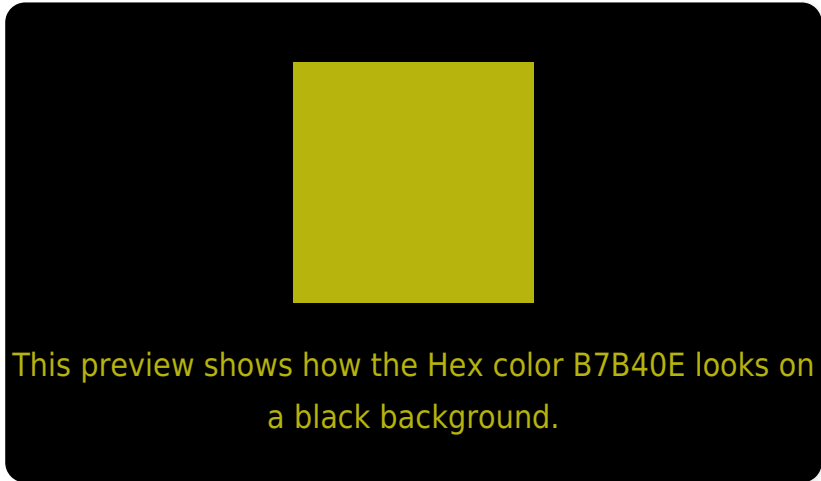
Large Text (above 18pt) WCAG AA × Fail

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 B7B40E Background



This preview shows how black text looks on a background with the Hex color B7B40E.



This preview shows how white text looks on a background with the Hex color B7B40E.

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
B7B40E

Protanopia
C5AF0B

Deuteranopia
DCA61D



Tritanopia
C3A7B4

Trichromacy



Original Color
B7B40E

Protanomaly
C0B10C

Deuteranomaly
CFAB18

Tritanomaly
BFAC78

Monochromacy



Original Color
B7B40E

Achromatopsia
A2A2A2

Achromatomaly
AAA96C

CSS Examples

Text

The CSS property to change the color of the text to Hex B7B40E 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 #B7B40E looks like.

```
.text, #text, p{  
    color:#B7B40E  
}
```

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 #B7B40E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7B40E
}
```

Border

The CSS property to change the border of an element to Hex B7B40E 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
#B7B40E }
```

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

```
.border{ border-color:#B7B40E }
```

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

Here you see how a box with a 4 pixel #B7B40E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7B40E; -webkit-box-shadow:4px 4px  
4px 4px #B7B40E; box-shadow:4px 4px 4px  
4px #B7B40E }
```

Background

The CSS property to change the background color of an element to Hex B7B40E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7B40E }
```

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

```
.background{ background-color:#B7B40E }
```

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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