

Converting Colors

Hex(B7C202)

Have a look what the booklet for
Hex(B7C202) contains.

Hex(B7C202)	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(B7C202)

Conversions

Conversions Part 1

Format	Color
Hex	B7C202
RGB	183, 194, 2
RGB Percent	72%, 76%, 1%
CMY	0.2824, 0.2392, 0.9922
CMYK	0.06, 0.00, 0.99, 0.24
HSL	63°, 98%, 38%
HSV	63°, 99%, 76%
XYZ	38.8312, 48.6552, 7.4022
YIQ	168.8230, 55.0760, -62.0440

Conversions

Conversions Part 2

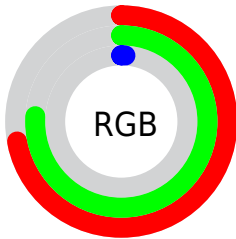
Format	Color
R_{YB}	2, 194, 13
Decimal	12042754
CIE Lab	75.24, -22.25, 75.68
CIE LCh	75, 78.881, 106.385
Yxy	48.6552, 0.4092, 0.5128
Android (android.graphics.Color)	4290232834 (0xFFB7C202)
YUV	168.8230, -82.2437, 12.4332
Hunter-Lab	69.7533, -22.6986, 42.5355

Details

The Hex color **B7C202** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as dark washed chartreuse. A complement of this color would be **0D02C2**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **F3FA53**, and **7D8D00** is the 20% darker color. If you saturate the color by 10%, you get **B7C200**, and if you desaturate by 10%, it is **B8C215**.

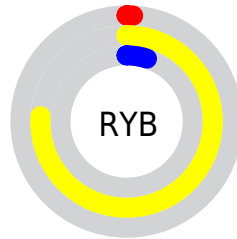
Distribution



Red (72%)

Green (76%)

Blue (1%)



Red (1%)

Yellow (76%)

Blue (5%)

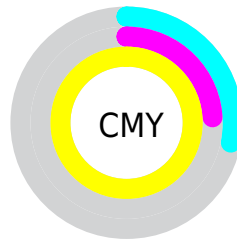


Cyan (6%)

Magenta (0%)

Yellow (99%)

Black (24%)



Cyan (28%)

Magenta (24%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color B7C202 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 B7C202 by changing the saturation by 10% instead.

 B7C202

 B7C202

FFFFFF

 9AA700

 F3FA53

 7D8D00

 FFFF70

 627300

 FFFF8C

 465B00

 FFFFA9

 2A4300

 FFFFC6

 0F2D00

 FFFFE4

 001B00

 000000

 B7C202

 B7C202

 B7C200

 B8C215

 B9C229

 BAC23C

 BBC250

 BDC263

 BEC276

 BFC28A

 C0C29D

 C1C2B1

Harmonies

Analogous

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



F8AA11



B7C202



5FD14D

Triad

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



B7C202



00D7FF



FF75DE

Complementary

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



B7C202



0D02C2

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.



EE93FF



B7C202



00CBFF

Square

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



B7C202



00DBE0



70B4FF



FF7295

Rectangle

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



B7C202



00D77C



70B4FF



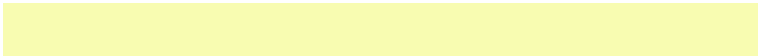
FF7EF5

Sweetspot

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



B7C202



F8FCB1



C20C02



7D8052



000000



808080

Same Dimension

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



B7C202



EEFC00



58C202



606157



97A100



1F2100

Inverse Universe

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



0D02C2



0E00FC



6C02C2



585761



0900A1



020021

Previews

White Background



This preview shows how the Hex color B7C202 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



This preview shows how the Hex color B7C202 looks on a 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 B7C202 Background



This preview shows how black text looks on a background with the Hex color B7C202.



This preview shows how white text looks on a background with the Hex color B7C202.

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
B7C202

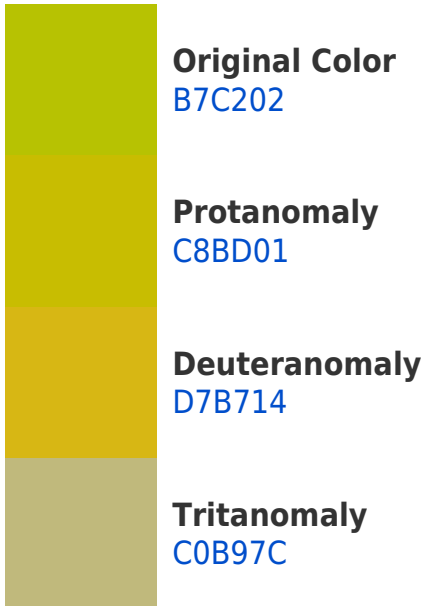
Protanopia
D1BA00

Deuteranopia
EAB01F



Tritanopia
C5B4C2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B7C202 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 #B7C202 looks like.

```
.text, #text, p{  
    color:#B7C202  
}
```

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 #B7C202 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7C202
}
```

Border

The CSS property to change the border of an element to Hex B7C202 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
#B7C202 }
```

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

```
.border{ border-color:#B7C202 }
```

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

Here you see how a box with a 4 pixel #B7C202 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7C202; -webkit-box-shadow:4px 4px  
4px 4px #B7C202; box-shadow:4px 4px 4px  
4px #B7C202 }
```

Background

The CSS property to change the background color of an element to Hex B7C202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7C202 }
```

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

```
.background{ background-color:#B7C202 }
```

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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