

Converting Colors

Hex(BCB107)

Have a look what the booklet for
Hex(BCB107) contains.

Hex(BCB107)	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(BCB107)

Conversions

Conversions Part 1

Format	Color
Hex	BCB107
RGB	188, 177, 7
RGB Percent	74%, 69%, 3%
CMY	0.2627, 0.3059, 0.9725
CMYK	0.00, 0.06, 0.96, 0.26
HSL	56°, 93%, 38%
HSV	56°, 96%, 74%
XYZ	36.4995, 42.1510, 6.4132
YIQ	160.9090, 61.1260, -50.5380

Conversions

Conversions Part 2

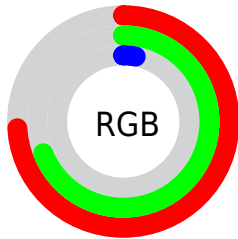
Format	Color
R _Y B	19, 188, 7
Decimal	12366087
CIE Lab	70.97, -11.46, 72.14
CIE LCh	71, 73.046, 99.029
Yxy	42.1510, 0.4291, 0.4955
Android (android.graphics.Color)	4290556167 (0xFFBCB107)
YUV	160.9090, -75.8771, 23.7588
Hunter-Lab	64.9238, -13.2657, 39.5899

Details

The Hex color **BCB107** is a dark color, and the websafe version is hex **CCCC33**. A complement of this color would be **0712BC**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **F8E851**, and **827D00** is the 20% darker color. If you saturate the color by 10%, you get **BCB100**, and if you desaturate by 10%, it is **BCB21A**.

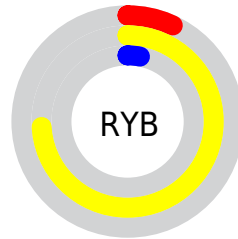
Distribution



Red (74%)

Green (69%)

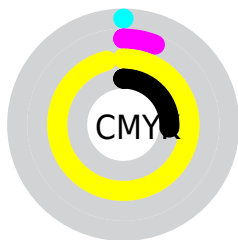
Blue (3%)



Red (7%)

Yellow (74%)

Blue (3%)

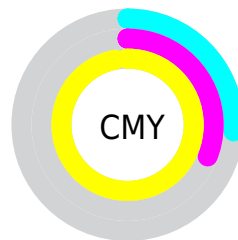


Cyan (0%)

Magenta (6%)

Yellow (96%)

Black (26%)



Cyan (26%)

Magenta (31%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color BCB107 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 BCB107 by changing the saturation by 10% instead.

 BCB107

 BCB107

FFFFFF

 9F9600

 F8E851

 827D00

 FFFF6D

 666400

 FFFF8A

 4B4C00

 FFFFA6

 303600

 FFFFC3

 182100

 FFFFEO

 000700

FFFFFFE

 000000

 BCB107

 BCB107

 BCB100

 BCB21A

 BCB32D

 BCB43F

 BCB652

 BCB765

 BCB878

 BCB98B

 BCBA9D

 BCBBB0

Harmonies

Analogous

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



F49927



BCB107



74C13C

Triad

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



BCB107



00CBFF



FF76DF

Complementary

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



BCB107



0712BC

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.



CA93FF



BCB107



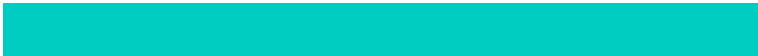
00C2FF

Square

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



BCB107



00CDC1



30AFFF



FF6B9C

Rectangle

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



BCB107



12C865



30AFFF



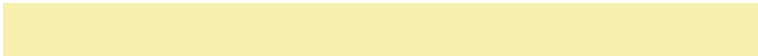
FB7FF3

Sweetspot

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



BCB107



F5F0AE



BC0713



7A7850



FAFAFA



7A7A7A

Same Dimension

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



BCB107



F5E600



6EBC07



5E5E55



9E9400



1F1D00

Inverse Universe

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



0712BC



000FF5



5507BC



55555E



000A9E



00021F

Previews

White Background



This preview shows how the Hex color BCB107 looks on a white background.

Color Contrast Check

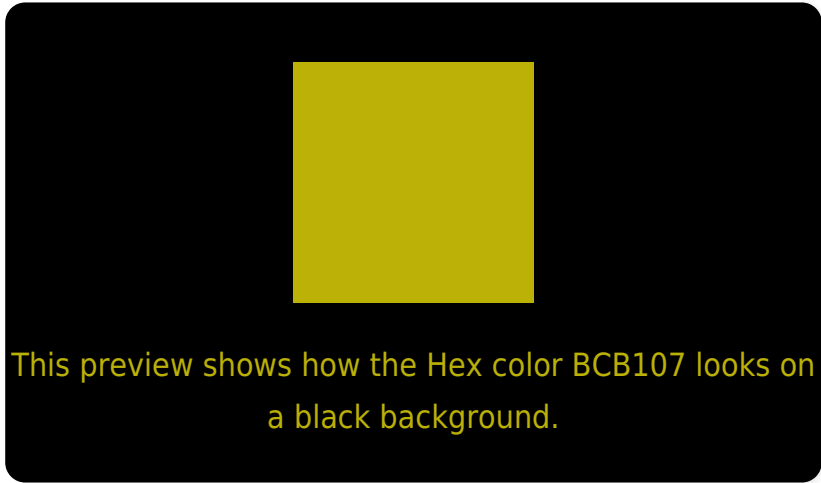
Large Text (above 18pt) WCAG AA × Fail

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 BCB107 Background



This preview shows how black text looks on a background with the Hex color BCB107.



This preview shows how white text looks on a background with the Hex color BCB107.

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
BCB107

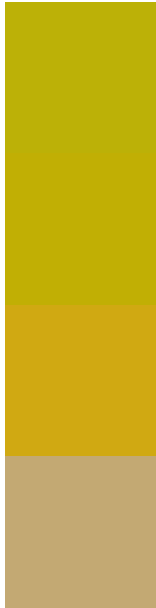
Protanopia
C4AE02

Deuteranopia
DBA519



Tritanopia
C7A5B1

Trichromacy



Original Color
BCB107

Protanomaly
C1AF04

Deuteranomaly
D0A912

Tritanomaly
C3A973

Monochromacy



Original Color
BCB107

Achromatopsia
A1A1A1

Achromatomaly
ABA769

CSS Examples

Text

The CSS property to change the color of the text to Hex BCB107 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 #BCB107 looks like.

```
.text, #text, p{  
    color:#BCB107  
}
```

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 #BCB107 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BCB107
}
```

Border

The CSS property to change the border of an element to Hex BCB107 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
#BCB107 }
```

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

```
.border{ border-color:#BCB107 }
```

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

Here you see how a box with a 4 pixel #BCB107 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BCB107; -webkit-box-shadow:4px 4px  
4px 4px #BCB107; box-shadow:4px 4px 4px  
4px #BCB107 }
```

Background

The CSS property to change the background color of an element to Hex BCB107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BCB107 }
```

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

```
.background{ background-color:#BCB107 }
```

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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