

Converting Colors

Hex(BBC93C)

Have a look what the booklet for
Hex(BBC93C) contains.

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Color

Hex(BBC93C)

Conversions

Conversions Part 1

Format	Color
Hex	BBC93C
RGB	187, 201, 60
RGB Percent	73%, 79%, 24%
CMY	0.2667, 0.2118, 0.7647
CMYK	0.07, 0.00, 0.70, 0.21
HSL	66°, 57%, 51%
HSV	66°, 70%, 79%
XYZ	42.1958, 52.6643, 12.2162
YIQ	180.7400, 36.9170, -46.8190

Conversions

Conversions Part 2

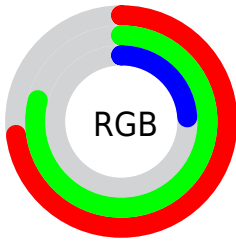
Format	Color
R_{YB}	60, 201, 74
Decimal	12306748
CIE _{Lab}	77.68, -22.35, 65.05
CIE _{LCh}	78, 68.781, 108.961
Yxy	52.6643, 0.3941, 0.4918
Android (android.graphics.Color)	4290496828 (0xFFBBC93C)
YUV	180.7400, -59.5248, 5.4900
Hunter-Lab	72.5702, -23.2094, 40.8184

Details

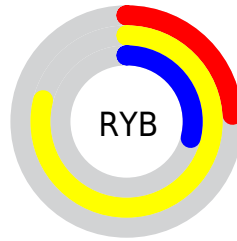
The Hex color **BBC93C** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as middle muted chartreuse. A complement of this color would be **4A3CC9**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **F6FF74**, and **829300** is the 20% darker color. If you saturate the color by 10%, you get **B9C928**, and if you desaturate by 10%, it is **BDC950**.

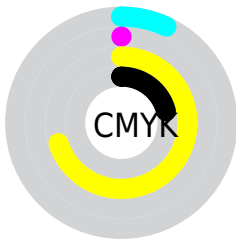
Distribution



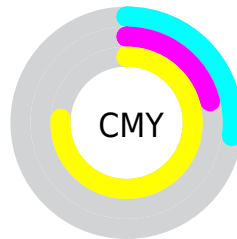
- Red (73%)
- Green (79%)
- Blue (24%)



- Red (24%)
- Yellow (79%)
- Blue (29%)



- Cyan (7%)
- Magenta (0%)
- Yellow (70%)
- Black (21%)



- Cyan (27%)
- Magenta (21%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color BBC93C 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 BBC93C by changing the saturation by 10% instead.

 BBC93C

 BBC93C

FFFFFF

 9EAE1C

 F6FF74

 829300

 FFFF90

 677900

 FFFFAC

 4C6100

 FFFFC8

 314900

 FFFF E5

 163200

 001F00

 000000

 BBC93C

 BBC93C

 B9C928

 BDC950

 B7C914

 BFC964

 B5C900

 C1C978

 C3C98C

 C5C9A1

 C7C9B5

 C9C9C9

 CBC9DD

 CDC9F1

Harmonies

Analogous

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



F6B43A



BBC93C



6ED668

Triad

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



BBC93C



00DAFF



FF88DA

Complementary

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



BBC93C



4A3CC9

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.



F69EFF



BBC93C



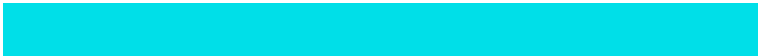
00CEFF

Square

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



BBC93C



00DFE8



97B9FF



FF879A

Rectangle

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



BBC93C



00DC90



97B9FF



FF8EEF

Sweetspot

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



BBC93C



FAFFC9



C9483C



7C8060



000000



808080

Same Dimension

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



BBC93C



EAFF29



77C93C



62635A



93A300



202400

Inverse Universe

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



4A3CC9



3E29FF



8E3CC9



5A5A63



1000A3



040024

Previews

White Background



This preview shows how the Hex color BBC93C looks on a white background.

Color Contrast Check

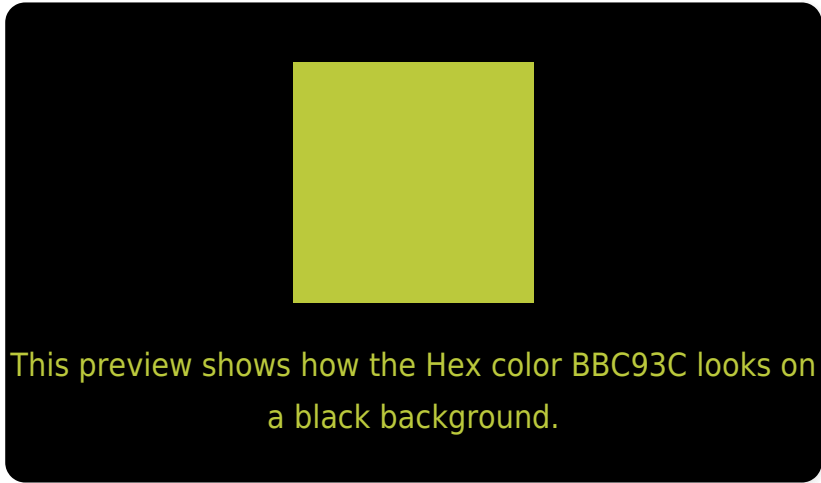
Large Text (above 18pt) WCAG AA × Fail

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 BBC93C Background



This preview shows how black text looks on a background with the Hex color BBC93C.



This preview shows how white text looks on a background with the Hex color BBC93C.

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

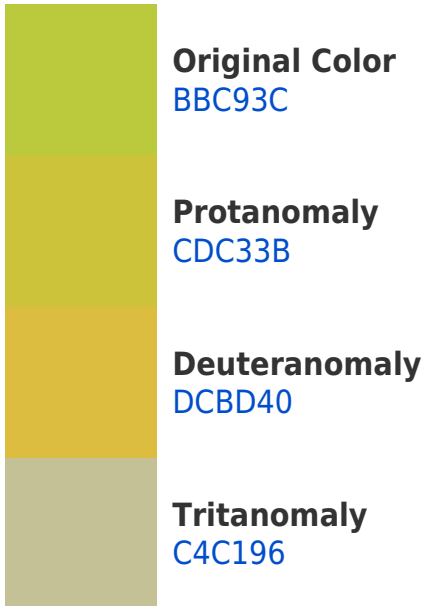


Original Color
BBC93C

Protanopia
D7C03A

Deuteranopia
EFB643

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BBC93C 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 #BBC93C looks like.

```
.text, #text, p{  
    color:#BBC93C  
}
```

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 #BBC93C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BBC93C
}
```

Border

The CSS property to change the border of an element to Hex BBC93C 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
#BBC93C }
```

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

```
.border{ border-color:#BBC93C }
```

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

Here you see how a box with a 4 pixel #BBC93C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BBC93C; -webkit-box-shadow:4px 4px  
4px 4px #BBC93C; box-shadow:4px 4px 4px  
4px #BBC93C }
```

Background

The CSS property to change the background color of an element to Hex BBC93C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BBC93C }
```

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

```
.background{ background-color:#BBC93C }
```

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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