

Converting Colors

Hex(B6C243)

Have a look what the booklet for
Hex(B6C243) contains.

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Color

Hex(B6C243)

Conversions

Conversions Part 1

Format	Color
Hex	B6C243
RGB	182, 194, 67
RGB Percent	71%, 76%, 26%
CMY	0.2863, 0.2392, 0.7373
CMYK	0.06, 0.00, 0.65, 0.24
HSL	66°, 51%, 51%
HSV	66°, 65%, 76%
XYZ	39.5963, 48.9339, 12.6684
YIQ	175.9340, 33.6150, -42.0410

Conversions

Conversions Part 2

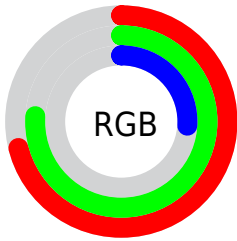
Format	Color
RYB	67, 194, 79
Decimal	11977283
CIELab	75.41, -20.58, 59.97
CIELCh	75, 63.399, 108.942
Yxy	48.9339, 0.3913, 0.4835
Android (android.graphics.Color)	4290167363 (0xFFB6C243)
YUV	175.9340, -53.7045, 5.3199
Hunter-Lab	69.9528, -21.3786, 38.2295

Details

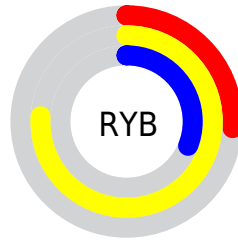
The Hex color **B6C243** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted chartreuse. A complement of this color would be **4F43C2**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **F0FA79**, and **7E8D00** is the 20% darker color. If you saturate the color by 10%, you get **B4C230**, and if you desaturate by 10%, it is **B8C256**.

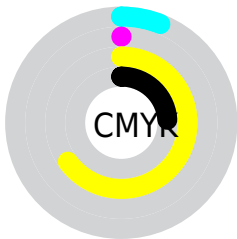
Distribution



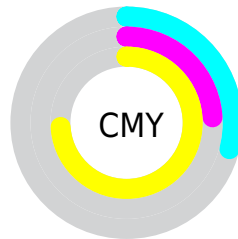
- Red (71%)
- Green (76%)
- Blue (26%)



- Red (26%)
- Yellow (76%)
- Blue (31%)



- Cyan (6%)
- Magenta (0%)
- Yellow (65%)
- Black (24%)



- Cyan (29%)
- Magenta (24%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color B6C243 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 B6C243 by changing the saturation by 10% instead.

 B6C243

 B6C243

FFFFFF

 9AA726

 F0FA79

 7E8D00

 FFFF95

 637300

 FFFFB1

 495B00

 FFFFCD

 2E4300

 FFFFEEA

 142D00

 001A00

 000000

 B6C243

 B6C243

 B4C230

 B8C256

 B2C21C

 BAC26A

 B1C209

 BBC27D

 B0C200

 BDC291

 BFC2A4

 C1C2B7

 C3C2CB

 C5C2DE

 C6C2F2

Harmonies

Analogous

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



ECAF41



B6C243



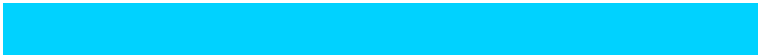
71CF69

Triad

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



B6C243



00D2FF



FF88D2

Complementary

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



B6C243



4F43C2

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.



EC9BFF



B6C243



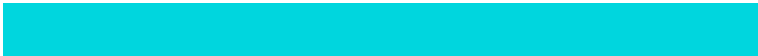
00C6FF

Square

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



B6C243



00D6DE



96B3FF



FF8797

Rectangle

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



B6C243



13D48E



96B3FF



FF8DE5

Sweetspot

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



B6C243



F8FCCA



C24E43



7D8061



000000



808080

Same Dimension

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



B6C243



EAFC35



78C243



606157



91A100



1E2100

Inverse Universe

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



4F43C2



4835FC



8D43C2



585761



0F00A1



030021

Previews

White Background



This preview shows how the Hex color B6C243 looks on a white background.

Color Contrast Check

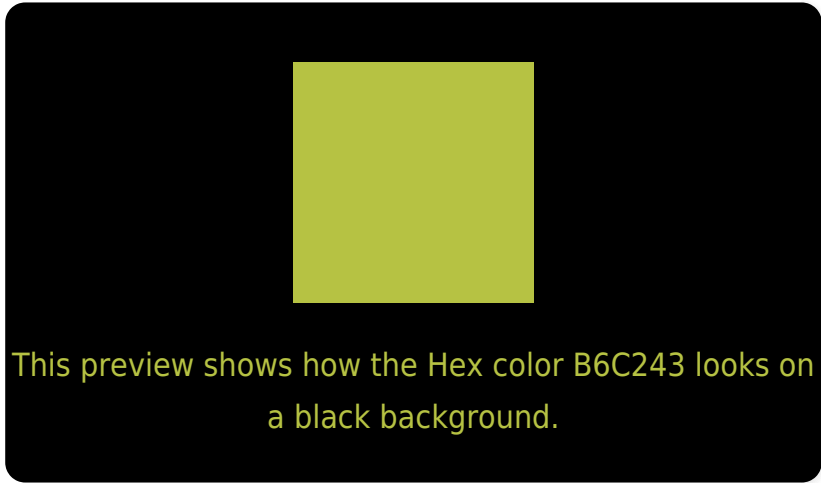
Large Text (above 18pt) WCAG AA × Fail

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 B6C243 Background



This preview shows how black text looks on a background with the Hex color B6C243.



This preview shows how white text looks on a background with the Hex color B6C243.

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
B6C243

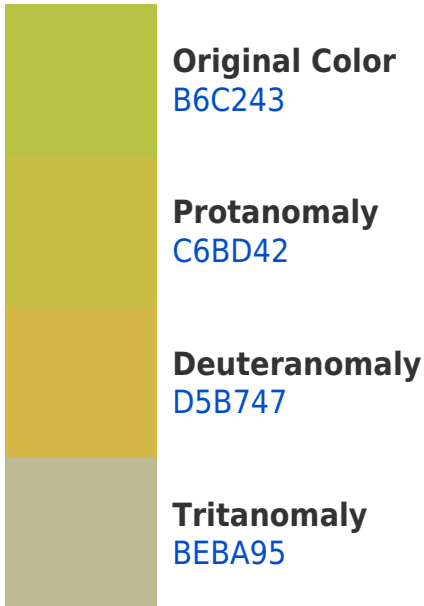
Protanopia
CFBA41

Deuteranopia
E7B049

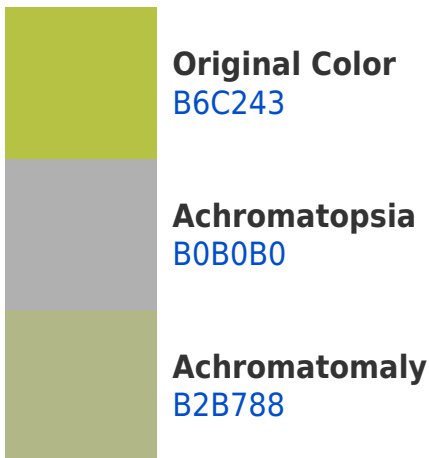


Tritanopia
C3B5C4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B6C243 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 #B6C243 looks like.

```
.text, #text, p{  
    color:#B6C243  
}
```

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 #B6C243 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B6C243
}
```

Border

The CSS property to change the border of an element to Hex B6C243 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
#B6C243 }
```

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

```
.border{ border-color:#B6C243 }
```

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

Here you see how a box with a 4 pixel #B6C243 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B6C243; -webkit-box-shadow:4px 4px  
4px 4px #B6C243; box-shadow:4px 4px 4px  
4px #B6C243 }
```

Background

The CSS property to change the background color of an element to Hex B6C243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B6C243 }
```

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

```
.background{ background-color:#B6C243 }
```

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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