

# Converting Colors

Hex(B7BA26)

Have a look what the booklet for  
Hex(B7BA26) contains.

<b>Hex(B7BA26)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(B7BA26)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B7BA26
RGB	183, 186, 38
RGB Percent	72%, 73%, 15%
CMY	0.2824, 0.2706, 0.8510
CMYK	0.02, 0.00, 0.80, 0.27
HSL	61°, 66%, 44%
HSV	61°, 80%, 73%
XYZ	37.4372, 45.3250, 8.6092
YIQ	168.2310, 45.7200, -46.6640

# Conversions

## Conversions Part 2

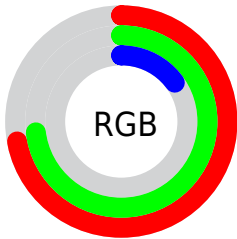
Format	Color
<b>RYB</b>	38, 186, 41
Decimal	12040742
CIELab	73.11, -17.56, 67.79
CIELCh	73, 70.026, 104.523
Yxy	45.3250, 0.4097, 0.4961
Android (android.graphics.Color)	4290230822 (0xFFB7BA26)
YUV	168.2310, -64.2039, 12.9524
Hunter-Lab	67.3239, -18.5572, 39.5449

# Details

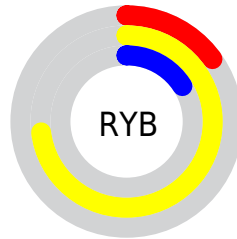
The Hex color **B7BA26** is a dark color, and the websafe version is hex **CCCC33**. A complement of this color would be **2926BA**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **F2F261**, and **7E8500** is the 20% darker color. If you saturate the color by 10%, you get **B7BA13**, and if you desaturate by 10%, it is **B7BA39**.

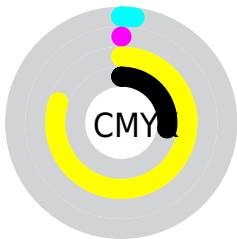
# Distribution



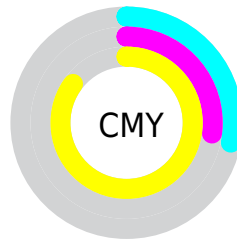
- Red (72%)
- Green (73%)
- Blue (15%)



- Red (15%)
- Yellow (73%)
- Blue (16%)



- Cyan (2%)
- Magenta (0%)
- Yellow (80%)
- Black (27%)



- Cyan (28%)
- Magenta (27%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B7BA26 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 B7BA26 by changing the saturation by 10% instead.



 B7BA26

 B7BA26

FFFFFF

 9A9F00

 F2F261

 7E8500

 FFFF7D

 626C00

 FFFF99

 475400

 FFFFB5

 2D3D00

 FFFF7D

 132700

 FFFFF0

 001300

 000000

 B7BA26

 B7BA26

 B7BA13

 B7BA39

 B6BA01

 B8BA4B

 B6BA00

 B8BA5E

 B9BA70

 B9BA83

 B9BA96

 BABAA8

 BABABB

 BABACD

# Harmonies

## Analogous

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



F0A42E



B7BA26



6DC852

# Triad

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



B7BA26



00CFFF



FF7CD7

# Complementary

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



B7BA26



2926BA

# 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.



DE95FF



B7BA26



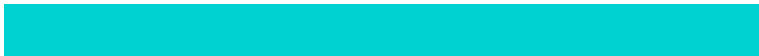
00C4FF

# Square

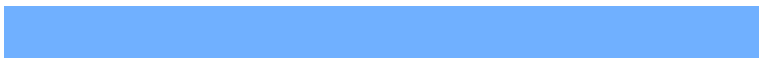
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



B7BA26



00D2D2



70B0FF



FF7797

# Rectangle

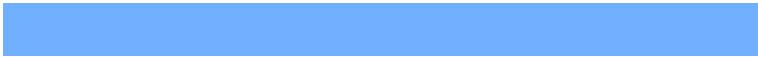
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



B7BA26



00CE79



70B0FF



FF83EC



# Sweetspot

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



B7BA26



F1F2B8



BA2826



7A7A57



FAFAFA



7A7A7A



# Same Dimension

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



B7BA26



EEF20C



6EBA26



5C5C53



989C00



1B1C00



# Inverse Universe

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



2926BA



110CF2



7226BA



53535C



03009C



01001C



# Previews

## White Background



This preview shows how the Hex color B7BA26 looks on a white background.

## Color Contrast Check

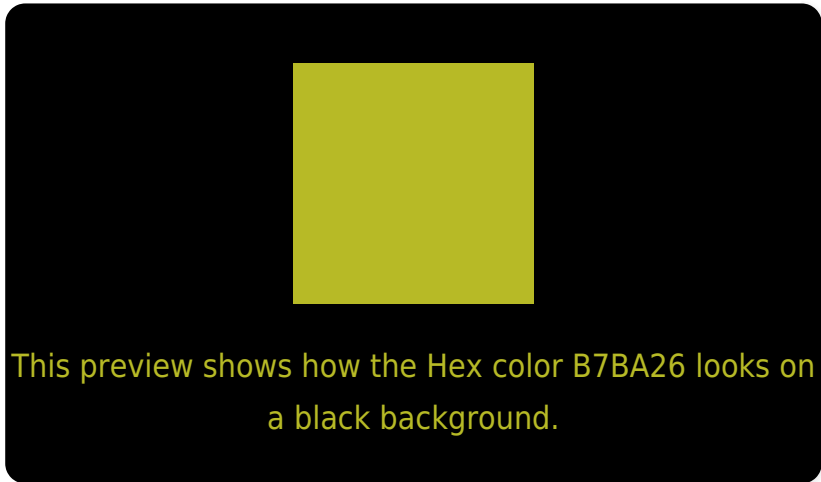
Large Text (above 18pt) WCAG AA × Fail

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 B7BA26 Background



This preview shows how black text looks on a background with the Hex color B7BA26.



This preview shows how white text looks on a background with the Hex color B7BA26.

# 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**  
B7BA26

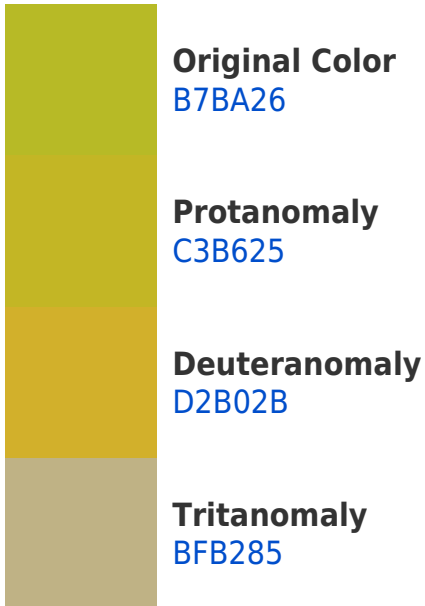
**Protanopia**  
CAB424

**Deuteranopia**  
E1AA2E

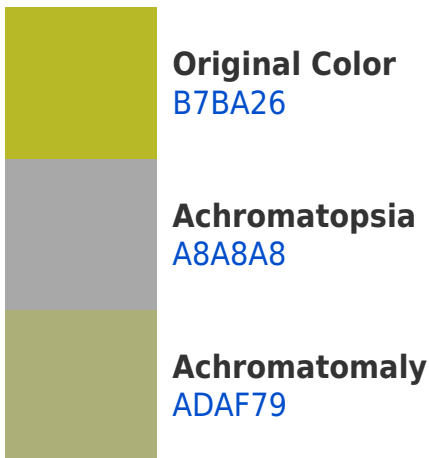


**Tritanopia**  
C3ADBB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B7BA26 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 #B7BA26 looks like.

```
.text, #text, p{  
    color:#B7BA26  
}
```

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 #B7BA26 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7BA26
}
```

## Border

The CSS property to change the border of an element to Hex B7BA26 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
#B7BA26 }
```

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

```
.border{ border-color:#B7BA26 }
```

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

Here you see how a box with a 4 pixel #B7BA26 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7BA26; -webkit-box-shadow:4px 4px  
4px 4px #B7BA26; box-shadow:4px 4px 4px  
4px #B7BA26 }
```

# Background

The CSS property to change the background color of an element to Hex B7BA26 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7BA26 }
```

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

```
.background{ background-color:#B7BA26 }
```

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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