

# Converting Colors

Hex(B5B226)

Have a look what the booklet for  
Hex(B5B226) contains.

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**Color**

**Hex(B5B226)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B5B226
RGB	181, 178, 38
RGB Percent	71%, 70%, 15%
CMY	0.2902, 0.3020, 0.8510
CMYK	0.00, 0.02, 0.79, 0.29
HSL	59°, 65%, 43%
HSV	59°, 79%, 71%
XYZ	35.3263, 41.8045, 8.0409
YIQ	162.9370, 46.7280, -42.9040

# Conversions

## Conversions Part 2

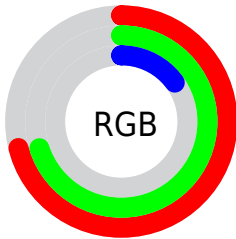
Format	Color
R <sub>Y</sub> B	41, 181, 38
Decimal	11907622
CIE Lab	70.74, -14.37, 65.64
CIE LCh	71, 67.190, 102.349
Yxy	41.8045, 0.4148, 0.4908
Android (android.graphics.Color)	4290097702 (0xFFB5B226)
YUV	162.9370, -61.5939, 15.8413
Hunter-Lab	64.6564, -15.6217, 37.8860

# Details

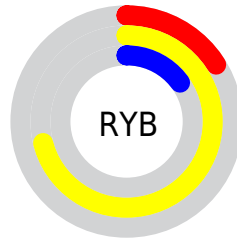
The Hex color **B5B226** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **2629B5**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **F0E960**, and **7C7E00** is the 20% darker color. If you saturate the color by 10%, you get **B5B214**, and if you desaturate by 10%, it is **B5B238**.

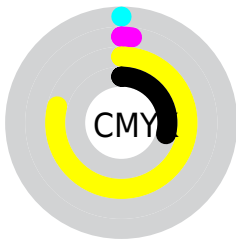
# Distribution



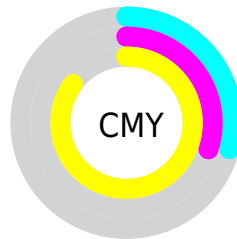
- Red (71%)
- Green (70%)
- Blue (15%)



- Red (16%)
- Yellow (71%)
- Blue (15%)



- Cyan (0%)
- Magenta (2%)
- Yellow (79%)
- Black (29%)



- Cyan (29%)
- Magenta (30%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B5B226 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 B5B226 by changing the saturation by 10% instead.



 B5B226

 B5B226

FFFFFF

 989700

 F0E960

 7C7E00

 FFFF7C

 616500

 FFFF97

 464D00

 FFFFB4

 2C3700

 FFFF00

 132100

 FFFFEE

 000500

 000000

 B5B226

 B5B226

 B5B214

 B5B238

 B5B102

 B5B34A

 B5B100

 B5B35C

 B5B46E

 B5B481

 B5B493

 B5B5A5

 B5B5B7

 B5B5C9

# Harmonies

## Analogous

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



EA9D31



B5B226



71C04C

# Triad

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



B5B226



00C8FE



FF7AD4

# Complementary

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



B5B226



2629B5

# 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.



D192FF



B5B226



00BEFF

# Square

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



B5B226



00CAC5



62ABFF



FF7396

# Rectangle

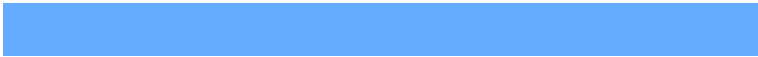
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



B5B226



1AC671



62ABFF



FB81E7

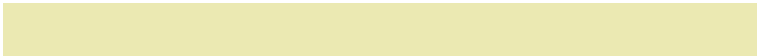


# Sweetspot

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



B5B226



EBE9B2



B5262B



757553



F5F5F5



757575



# Same Dimension

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



B5B226



EBE60C



72B526



595950



999600



1A1900



# Inverse Universe

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



2629B5



0C10EB



6926B5



505159



000399



00011A



# Previews

## White Background



This preview shows how the Hex color B5B226 looks on a white background.

## Color Contrast Check

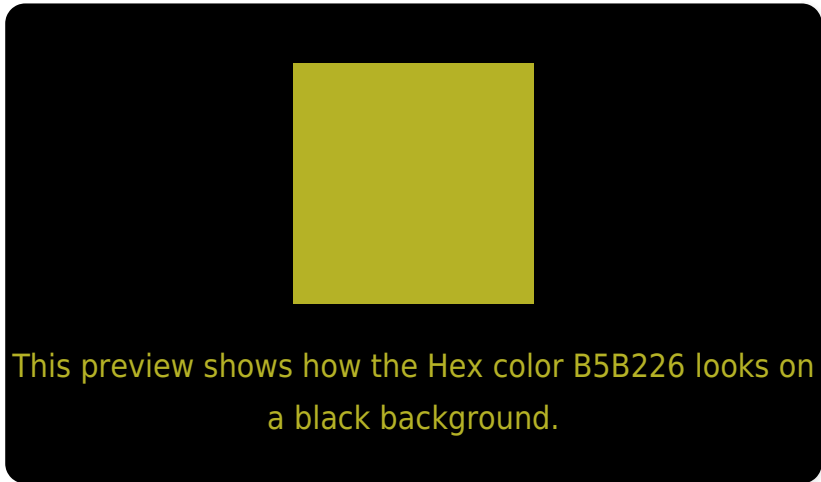
Large Text (above 18pt) WCAG AA × Fail

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 B5B226 Background



This preview shows how black text looks on a background with the Hex color B5B226.



This preview shows how white text looks on a background with the Hex color B5B226.

# 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**  
B5B226

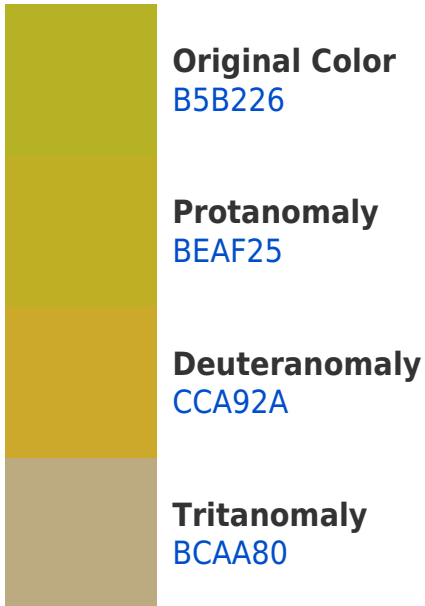
**Protanopia**  
C3AD25

**Deuteranopia**  
D9A42D

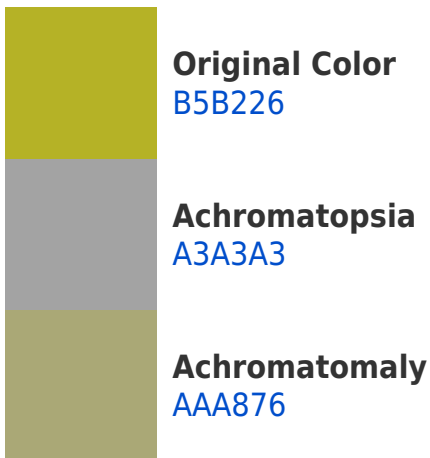


**Tritanopia**  
C0A6B3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B5B226 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 #B5B226 looks like.

```
.text, #text, p{  
    color:#B5B226  
}
```

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 #B5B226 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5B226
}
```

## Border

The CSS property to change the border of an element to Hex B5B226 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
#B5B226 }
```

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

```
.border{ border-color:#B5B226 }
```

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

Here you see how a box with a 4 pixel #B5B226 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5B226; -webkit-box-shadow:4px 4px  
4px 4px #B5B226; box-shadow:4px 4px 4px  
4px #B5B226 }
```

# Background

The CSS property to change the background color of an element to Hex B5B226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5B226 }
```

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

```
.background{ background-color:#B5B226 }
```

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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