

Converting Colors

Hex(B5B50D)

Have a look what the booklet for
Hex(B5B50D) contains.

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Color

Hex(B5B50D)

Conversions

Conversions Part 1

Format	Color
Hex	B5B50D
RGB	181, 181, 13
RGB Percent	71%, 71%, 5%
CMY	0.2902, 0.2902, 0.9490
CMYK	0.00, 0.00, 0.93, 0.29
HSL	60°, 87%, 38%
HSV	60°, 93%, 71%
XYZ	35.6526, 42.9006, 6.7823
YIQ	161.8480, 53.9280, -52.2480

Conversions

Conversions Part 2

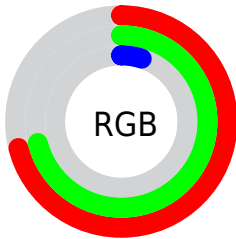
Format	Color
RYB	13, 181, 13
Decimal	11908365
CIELab	71.49, -16.51, 71.56
CIELCh	71, 73.438, 102.988
Yxy	42.9006, 0.4178, 0.5027
Android (android.graphics.Color)	4290098445 (0xFFB5B50D)
YUV	161.8480, -73.3821, 16.7963
Hunter-Lab	65.4985, -17.4601, 39.7095

Details

The Hex color **B5B50D** is a dark color, and the websafe version is hex **CCCC33**. A complement of this color would be **0D0DB5**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **F0ED53**, and **7C8100** is the 20% darker color. If you saturate the color by 10%, you get **B5B500**, and if you desaturate by 10%, it is **B5B51F**.

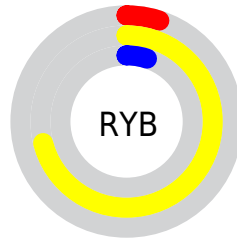
Distribution



Red (71%)

Green (71%)

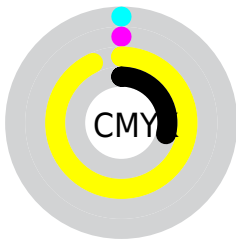
Blue (5%)



Red (5%)

Yellow (71%)

Blue (5%)

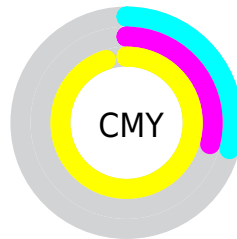


Cyan (0%)

Magenta (0%)

Yellow (93%)

Black (29%)



Cyan (29%)

Magenta (29%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color B5B50D 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 B5B50D by changing the saturation by 10% instead.

 B5B50D

 B5B50D

FFFFFF

 989A00

 F0ED53

 7C8100

 FFFF70

 606800

 FFFF8C

 455000

 FFFFA8

 2A3900

 FFFFC5

 112300

 FFFF E2

 000A00

 000000

 B5B50D

 B5B50D

 B5B500

 B5B51F

 B5B531

 B5B543

 B5B555

 B5B567

 B5B57A

 B5B58C

 B5B59E

 B5B5B0

Harmonies

Analogous

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



EF9E20



B5B50D



69C445

Triad

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



B5B50D



00CCFF



FF74D8

Complementary

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



B5B50D



0D0DB5

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.



D790FF



B5B50D



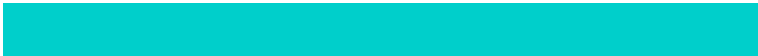
00C1FF

Square

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



B5B50D



00CFCB



58ADFF



FF6D95

Rectangle

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



B5B50D



00CA6F



58ADFF



FF7CED

Sweetspot

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



B5B50D



EBEBA9



B50D0D



75754D



F5F5F5



757575

Same Dimension

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



B5B50D



EBEB00



61B50D



595950



999900



1A1A00

Inverse Universe

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



0D0DB5



0000EB



610DB5



505059



000099



00001A

Previews

White Background



This preview shows how the Hex color B5B50D looks on a white background.

Color Contrast Check

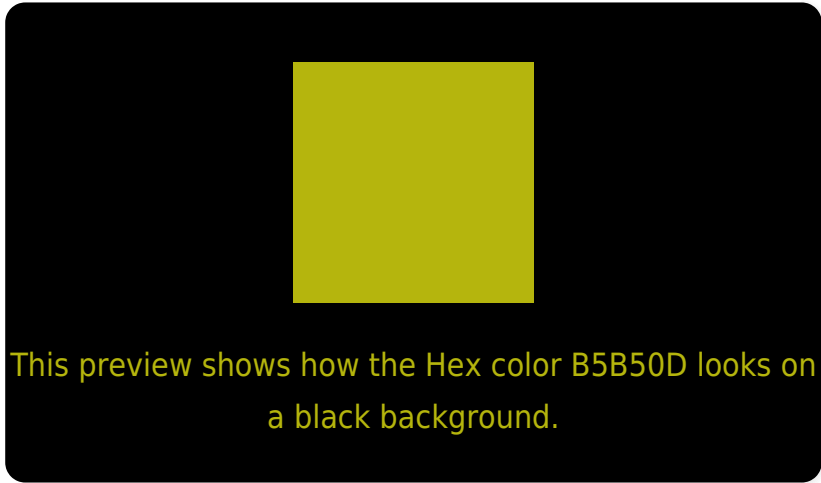
Large Text (above 18pt) WCAG AA × Fail

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 B5B50D Background



This preview shows how black text looks on a background with the Hex color B5B50D.



This preview shows how white text looks on a background with the Hex color B5B50D.

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
B5B50D

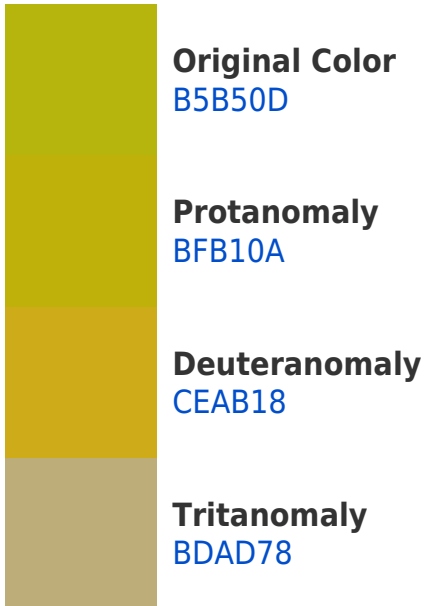
Protanopia
C5AF09

Deuteranopia
DDA61E



Tritanopia
C1A8B5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B5B50D 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 #B5B50D looks like.

```
.text, #text, p{  
    color:#B5B50D  
}
```

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 #B5B50D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5B50D
}
```

Border

The CSS property to change the border of an element to Hex B5B50D 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
#B5B50D }
```

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

```
.border{ border-color:#B5B50D }
```

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

Here you see how a box with a 4 pixel #B5B50D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5B50D; -webkit-box-shadow:4px 4px  
4px 4px #B5B50D; box-shadow:4px 4px 4px  
4px #B5B50D }
```

Background

The CSS property to change the background color of an element to Hex B5B50D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5B50D }
```

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

```
.background{ background-color:#B5B50D }
```

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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