

Converting Colors

Hex(B5B225)

Have a look what the booklet for
Hex(B5B225) contains.

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Color

Hex(B5B225)

Conversions

Conversions Part 1

Format	Color
Hex	B5B225
RGB	181, 178, 37
RGB Percent	71%, 70%, 15%
CMY	0.2902, 0.3020, 0.8549
CMYK	0.00, 0.02, 0.80, 0.29
HSL	59°, 66%, 43%
HSV	59°, 80%, 71%
XYZ	35.3104, 41.7981, 7.9571
YIQ	162.8230, 47.0490, -43.2150

Conversions

Conversions Part 2

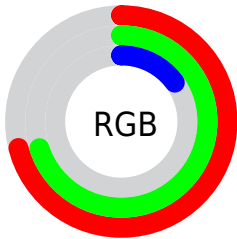
Format	Color
RYB	40, 181, 37
Decimal	11907621
CIELab	70.73, -14.40, 65.92
CIELCh	71, 67.476, 102.326
Yxy	41.7981, 0.4151, 0.4914
Android (android.graphics.Color)	4290097701 (0xFFB5B225)
YUV	162.8230, -62.0307, 15.9412
Hunter-Lab	64.6515, -15.6496, 37.9588

Details

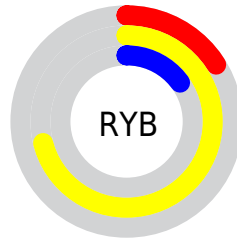
The Hex color **B5B225** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **2528B5**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **F0E95F**, and **7C7E00** is the 20% darker color. If you saturate the color by 10%, you get **B5B213**, and if you desaturate by 10%, it is **B5B237**.

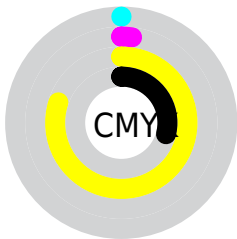
Distribution



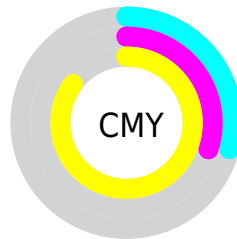
- Red (71%)
- Green (70%)
- Blue (15%)



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



- Cyan (0%)
- Magenta (2%)
- Yellow (80%)
- Black (29%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color B5B225 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 B5B225 by changing the saturation by 10% instead.



B5B225



B5B225

FFFFFF



989700



F0E95F



7C7E00



FFFF7B



616500



FFFF97



464D00



FFFFB3



2B3700



FFFFD0



132100



FFFFED



000500



000000



B5B225



B5B225

 B5B213

 B5B237

 B5B101

 B5B349

 B5B100

 B5B35B

 B5B46D

 B5B480

 B5B492

 B5B5A4

 B5B5B6

 B5B5C8

Harmonies

Analogous

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



EA9D30



B5B225



70C04C

Triad

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



B5B225



00C8FE



FF79D4

Complementary

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



B5B225



2528B5

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



B5B225



00BEFF

Square

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



B5B225



00CAC5



61ABFF



FF7396

Rectangle

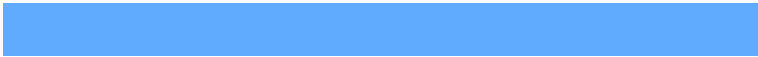
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



B5B225



18C671



61ABFF



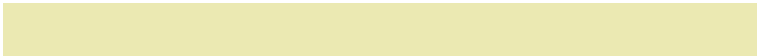
FB80E7

Sweetspot

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



B5B225



EBE9B2



B5252A



757553



F5F5F5



757575

Same Dimension

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



B5B225



EBE60C



72B525



595950



999600



1A1900

Inverse Universe

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



2528B5



0C10EB



6825B5



505159



000399



00011A

Previews

White Background



This preview shows how the Hex color B5B225 looks on a white background.

Color Contrast Check

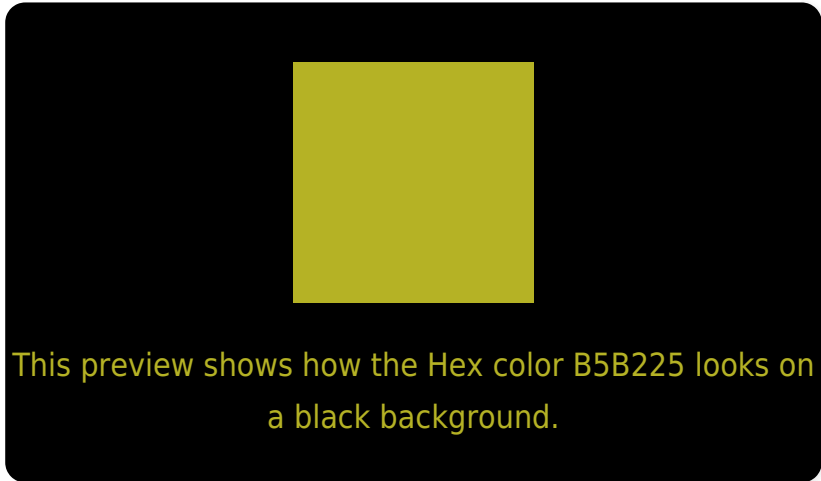
Large Text (above 18pt) WCAG AA × Fail

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 B5B225 Background



This preview shows how black text looks on a background with the Hex color B5B225.



This preview shows how white text looks on a background with the Hex color B5B225.

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
B5B225

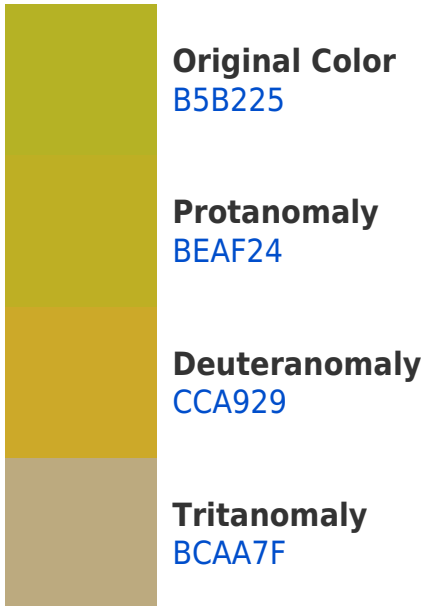
Protanopia
C3AD24

Deuteranopia
D9A42C



Tritanopia
C0A6B3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B5B225 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 #B5B225 looks like.

```
.text, #text, p{  
    color:#B5B225  
}
```

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 #B5B225 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5B225
}
```

Border

The CSS property to change the border of an element to Hex B5B225 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
#B5B225 }
```

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

```
.border{ border-color:#B5B225 }
```

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

Here you see how a box with a 4 pixel #B5B225 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5B225; -webkit-box-shadow:4px 4px  
4px 4px #B5B225; box-shadow:4px 4px 4px  
4px #B5B225 }
```

Background

The CSS property to change the background color of an element to Hex B5B225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5B225 }
```

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

```
.background{ background-color:#B5B225 }
```

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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