

Converting Colors

Hex(B5DA25)

Have a look what the booklet for
Hex(B5DA25) contains.

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Color

Hex(B5DA25)

Conversions

Conversions Part 1

Format	Color
Hex	B5DA25
RGB	181, 218, 37
RGB Percent	71%, 85%, 15%
CMY	0.2902, 0.1451, 0.8549
CMYK	0.17, 0.00, 0.83, 0.15
HSL	72°, 71%, 50%
HSV	72°, 83%, 85%
XYZ	44.4614, 60.1001, 11.0074
YIQ	186.3030, 36.0490, -64.1350

Conversions

Conversions Part 2

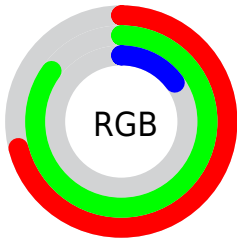
Format	Color
RYB	37, 218, 74
Decimal	11917861
CIELab	81.89, -33.81, 75.61
CIELCh	82, 82.828, 114.095
Yxy	60.1001, 0.3847, 0.5200
Android (android.graphics.Color)	4290107941 (0xFFB5DA25)
YUV	186.3030, -73.6064, -4.6507
Hunter-Lab	77.5243, -33.2949, 45.8486

Details

The Hex color **B5DA25** is a dark color, and the websafe version is hex **99CC00**. The color can be described as middle washed chartreuse. A complement of this color would be **4A25DA**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **F0FF65**, and **7BA300** is the 20% darker color. If you saturate the color by 10%, you get **B1DA0F**, and if you desaturate by 10%, it is **B9DA3B**.

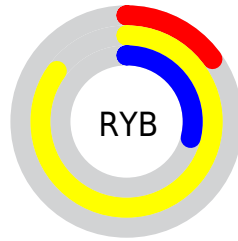
Distribution



Red (71%)

Green (85%)

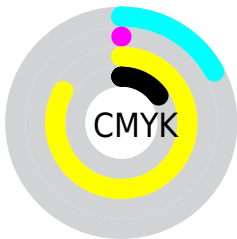
Blue (15%)



Red (15%)

Yellow (85%)

Blue (29%)

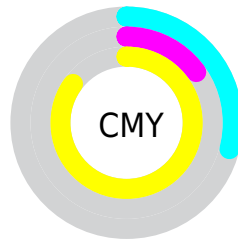


Cyan (17%)

Magenta (0%)

Yellow (83%)

Black (15%)



Cyan (29%)

Magenta (15%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color B5DA25 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 B5DA25 by changing the saturation by 10% instead.

 B5DA25

 B5DA25

FFFFFF

 98BE00

 F0FF65

 7BA300

 FFFF82

 5F8900

 FFFF9F

 436F00

 FFFFBC

 255600

 FFFFD9

 003F00

 FFFFF7

 002900

 000D00

 000000

 B5DA25

 B5DA25

 B1DA0F

 B9DA3B

 ADDA00

 BEDA51

 C2DA66

 C7DA7C

 CBDA92

 D0DAA8

 D4DABE

 D9DAD3

 DDDAE9

Harmonies

Analogous

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



FFC30D



B5DA25



45E86B

Triad

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



B5DA25



00E9FF



FF7FDE

Complementary

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



B5DA25



4A25DA

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.



FF9AFF



B5DA25



00D9FF

Square

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



B5DA25



00FFFF



ADBEFF



FF8591

Rectangle

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



B5DA25



00ED9E



ADBEFF



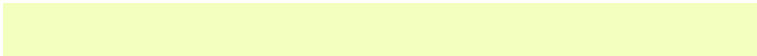
FF86F8

Sweetspot

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



B5DA25



F2FFBF



DA4925



788059



000000



808080

Same Dimension

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



B5DA25



CBFF00



5BDA25



6B6E63



8AAD00



252E00

Inverse Universe

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



4A25DA



3400FF



A425DA



65636E



2300AD



09002E

Previews

White Background



This preview shows how the Hex color B5DA25 looks on a white background.

Color Contrast Check

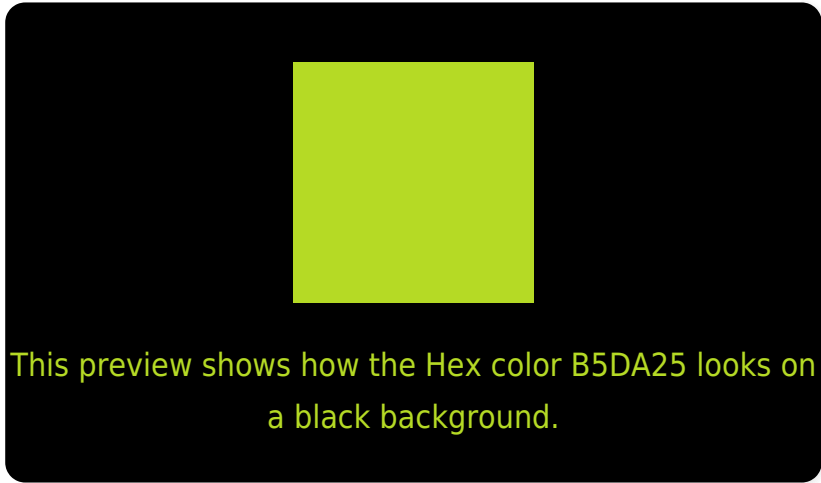
Large Text (above 18pt) WCAG AA × Fail

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 B5DA25 Background



This preview shows how black text looks on a background with the Hex color B5DA25.

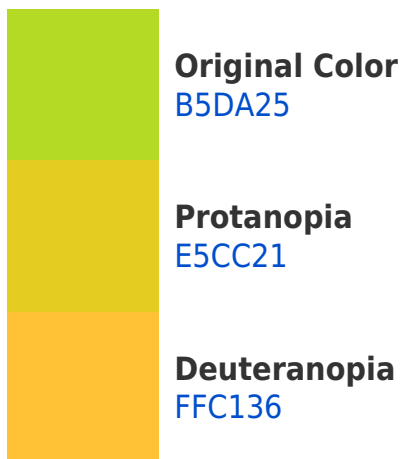


This preview shows how white text looks on a background with the Hex color B5DA25.

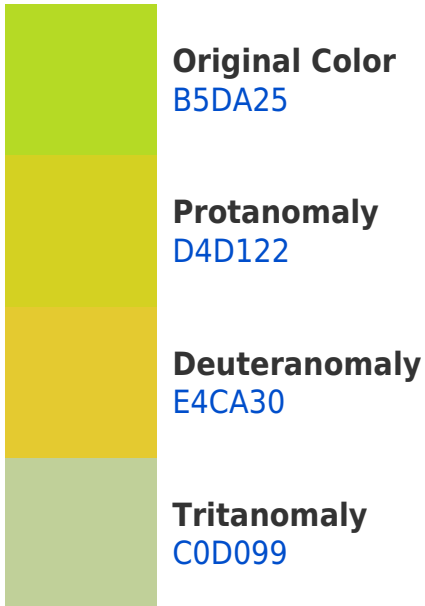
Color Blindness Simulation

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](#).

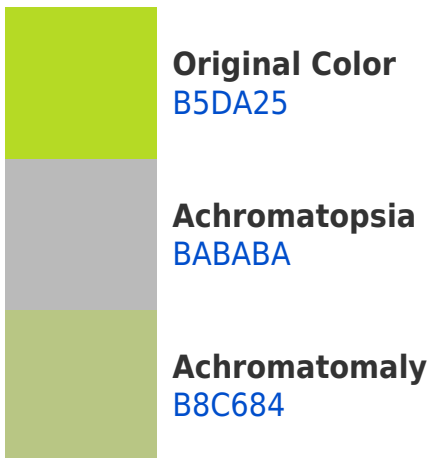
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B5DA25 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 #B5DA25 looks like.

```
.text, #text, p{  
    color:#B5DA25  
}
```

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 #B5DA25 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5DA25
}
```

Border

The CSS property to change the border of an element to Hex B5DA25 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
#B5DA25 }
```

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

```
.border{ border-color:#B5DA25 }
```

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

Here you see how a box with a 4 pixel #B5DA25 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5DA25; -webkit-box-shadow:4px 4px  
4px 4px #B5DA25; box-shadow:4px 4px 4px  
4px #B5DA25 }
```

Background

The CSS property to change the background color of an element to Hex B5DA25 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5DA25 }
```

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

```
.background{ background-color:#B5DA25 }
```

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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