

Converting Colors

Hex(B6D633)

Have a look what the booklet for
Hex(B6D633) contains.

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Color

Hex(B6D633)

Conversions

Conversions Part 1

Format	Color
Hex	B6D633
RGB	182, 214, 51
RGB Percent	71%, 84%, 20%
CMY	0.2863, 0.1608, 0.8000
CMYK	0.15, 0.00, 0.76, 0.16
HSL	72°, 67%, 52%
HSV	72°, 76%, 84%
XYZ	43.9355, 58.2772, 12.0650
YIQ	185.8500, 33.2510, -57.4770

Conversions

Conversions Part 2

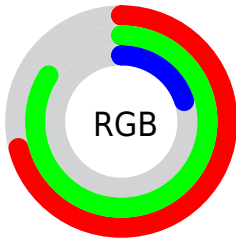
Format	Color
RYB	51, 214, 83
Decimal	11982387
CIELab	80.89, -31.04, 70.99
CIELCh	81, 77.484, 113.616
Yxy	58.2772, 0.3845, 0.5100
Android (android.graphics.Color)	4290172467 (0xFFB6D633)
YUV	185.8500, -66.4810, -3.3764
Hunter-Lab	76.3395, -30.8625, 44.0673

Details

The Hex color **B6D633** is a light color, and the websafe version is hex **99CC33**. The color can be described as light muted chartreuse. A complement of this color would be **5333D6**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **F1FF6E**, and **7D9F00** is the 20% darker color. If you saturate the color by 10%, you get **B2D61E**, and if you desaturate by 10%, it is **BAD648**.

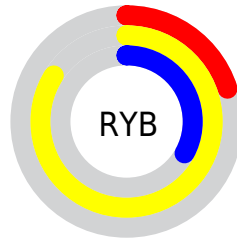
Distribution



Red (71%)

Green (84%)

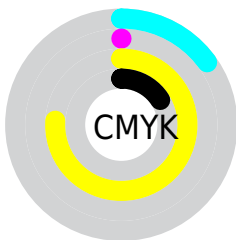
Blue (20%)



Red (20%)

Yellow (84%)

Blue (33%)

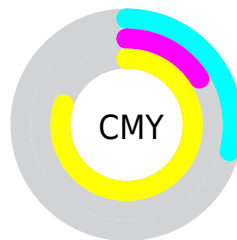


Cyan (15%)

Magenta (0%)

Yellow (76%)

Black (16%)



Cyan (29%)

Magenta (16%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color B6D633 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 B6D633 by changing the saturation by 10% instead.

 B6D633

 B6D633

FFFFFF

 99BA06

 F1FF6E

 7D9F00

 FFFF8A

 618500

 FFFFA7

 466C00

 FFFF84

 295300

 FFFFE1

 073C00

 002600

 000600

 000000

 B6D633

 B6D633

 B2D61E

 BAD648

 AED608

 BED65E

 ACD600

 C3D673

 C7D689

 CBD69E

 CFD6B3

 D3D6C9

 D8D6DE

 DCD6F4

Harmonies

Analogous

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



FBC026



B6D633



54E46E

Triad

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



B6D633



00E5FF



FF84DC

Complementary

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



B6D633



5333D6

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.



FF9CFF



B6D633



00D6FF

Square

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



B6D633



00EBFF



ACBCFF



FF8893

Rectangle

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



B6D633



00E99D



ACBCFF



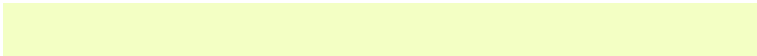
FF8AF4

Sweetspot

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



B6D633



F3FFC4



D65133



78805C



000000



808080

Same Dimension

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



B6D633



D1FF17



67D633



696B60



89AB00



232B00

Inverse Universe

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



5333D6



4517FF



A233D6



62606B



2200AB



09002B

Previews

White Background



This preview shows how the Hex color B6D633 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



This preview shows how the Hex color B6D633 looks on a 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 B6D633 Background



This preview shows how black text looks on a background with the Hex color B6D633.

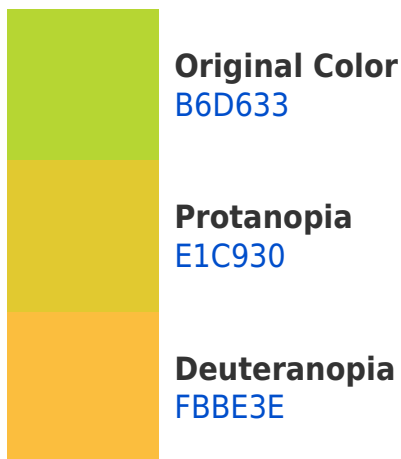


This preview shows how white text looks on a background with the Hex color B6D633.

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](#).

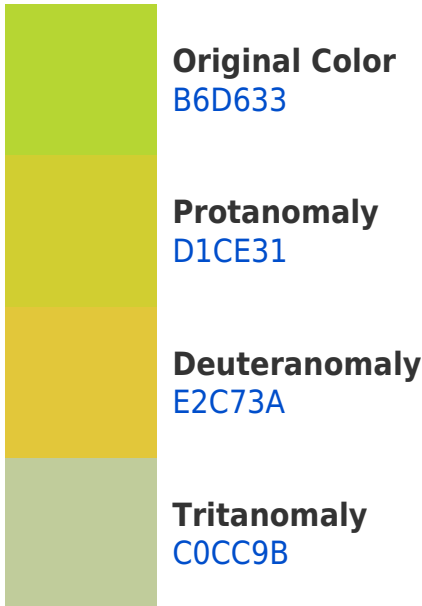
Dichromacy



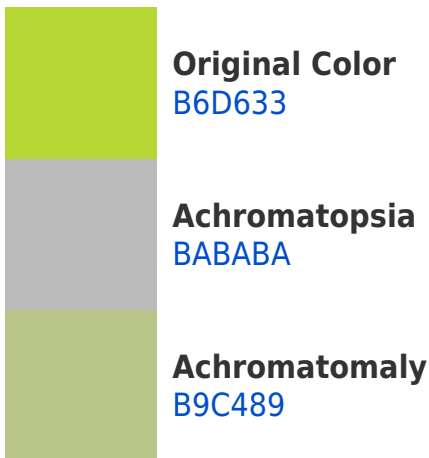


Tritanopia
C6C7D7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B6D633 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 #B6D633 looks like.

```
.text, #text, p{  
    color:#B6D633  
}
```

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 #B6D633 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B6D633
}
```

Border

The CSS property to change the border of an element to Hex B6D633 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
#B6D633 }
```

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

```
.border{ border-color:#B6D633 }
```

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

Here you see how a box with a 4 pixel #B6D633 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B6D633; -webkit-box-shadow:4px 4px  
4px 4px #B6D633; box-shadow:4px 4px 4px  
4px #B6D633 }
```

Background

The CSS property to change the background color of an element to Hex B6D633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B6D633 }
```

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

```
.background{ background-color:#B6D633 }
```

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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