

Converting Colors

Hex(B5D45E)

Have a look what the booklet for
Hex(B5D45E) contains.

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Color

Hex(**B5D45E**)

Conversions

Conversions Part 1

Format	Color
Hex	B5D45E
RGB	181, 212, 94
RGB Percent	71%, 83%, 37%
CMY	0.2902, 0.1686, 0.6314
CMYK	0.15, 0.00, 0.56, 0.17
HSL	76°, 58%, 60%
HSV	76°, 56%, 83%
XYZ	44.6199, 57.7189, 19.3788
YIQ	189.2790, 19.4020, -43.2700

Conversions

Conversions Part 2

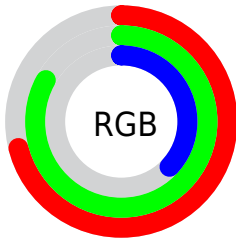
Format	Color
RYB	94, 212, 125
Decimal	11916382
CIELab	80.58, -27.71, 54.02
CIELCh	81, 60.711, 117.151
Yxy	57.7189, 0.3666, 0.4742
Android (android.graphics.Color)	4290106462 (0xFFB5D45E)
YUV	189.2790, -46.9725, -7.2607
Hunter-Lab	75.9729, -28.1172, 38.0576

Details

The Hex color **B5D45E** is a light color, and the websafe version is hex **99CC66**. The color can be described as light muted chartreuse. A complement of this color would be **7D5ED4**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **EFFF94**, and **7D9D28** is the 20% darker color. If you saturate the color by 10%, you get **AFD449**, and if you desaturate by 10%, it is **BBD473**.

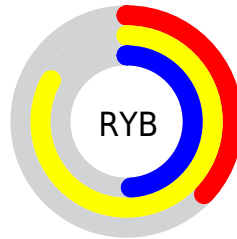
Distribution



Red (71%)

Green (83%)

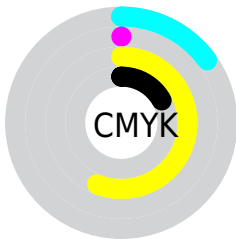
Blue (37%)



Red (37%)

Yellow (83%)

Blue (49%)

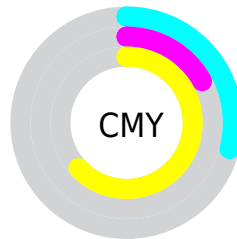


Cyan (15%)

Magenta (0%)

Yellow (56%)

Black (17%)



Cyan (29%)

Magenta (17%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color B5D45E 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 B5D45E by changing the saturation by 10% instead.

 B5D45E

FFFFFF

 EFFF94

 FFFF94

 FFFFCC

 FFFFE8

 B5D45E

 99B844

 7D9D28

 638304

 486A00

 2F5100

 123A00

 002500

 000400

 000000

 B5D45E

 B5D45E

 AFD449

 BBD473

 AAD434

 C0D488

 A4D41E

 C6D49E

 9FD409

 CBD4B3

 9CD400

 D1D4C8

 D6D4DD

 DCD4F2

 E2D4FF

 E7D4FF

Harmonies

Analogous

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



EDC352



B5D45E



6DDF88

Triad

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



B5D45E



00DDFF



FF97D0

Complementary

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



B5D45E



7D5ED4

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.



FFA5FF



B5D45E



43D0FF

Square

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



B5D45E



00E4FA



C2BBFF



FF9C97

Rectangle

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



B5D45E



00E3AD



C2BBFF



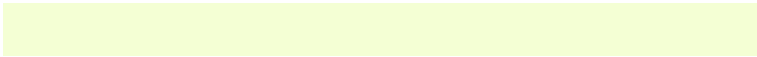
FF9AE3

Sweetspot

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



B5D45E



F4FFD4



D47C5E



798066



000000



808080

Same Dimension

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



B5D45E



D2FF54



7CD45E



686B60



7EAB00



202B00

Inverse Universe

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



7D5ED4



8154FF



B75ED4



63606B



2D00AB



0B002B

Previews

White Background



This preview shows how the Hex color B5D45E looks on a white background.

Color Contrast Check

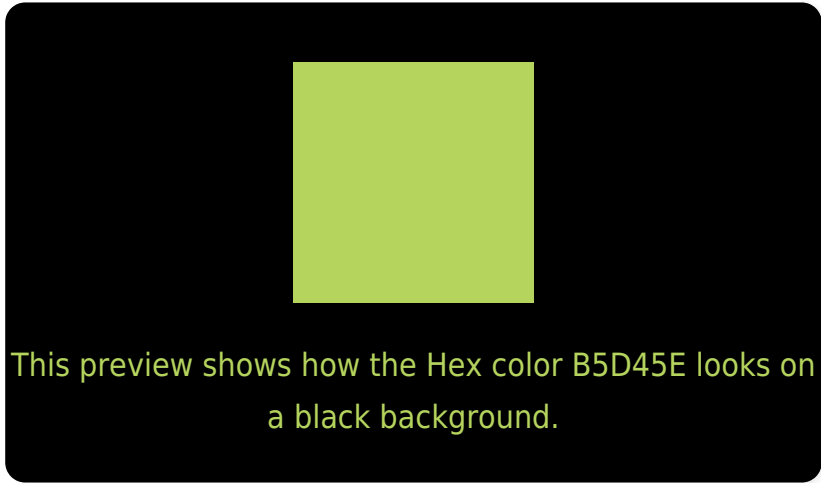
Large Text (above 18pt) WCAG AA × Fail

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 B5D45E Background



This preview shows how black text looks on a background with the Hex color B5D45E.

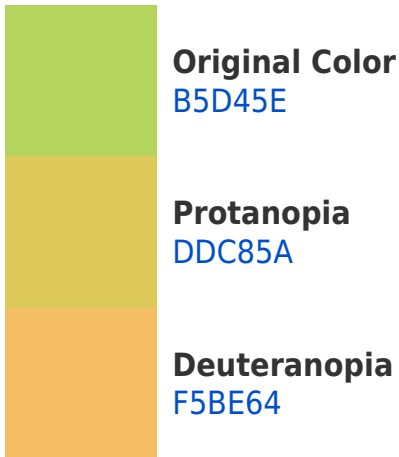


This preview shows how white text looks on a background with the Hex color B5D45E.

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](#).

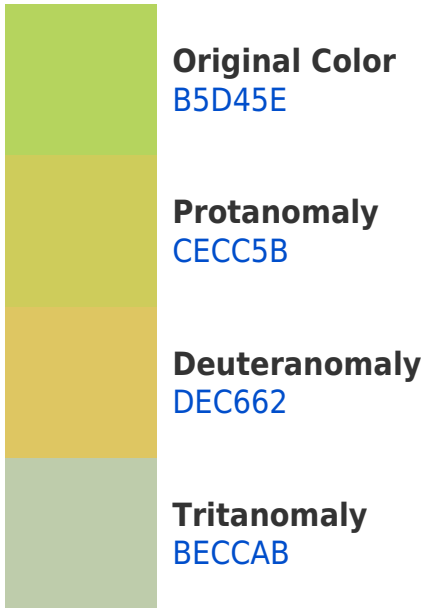
Dichromacy



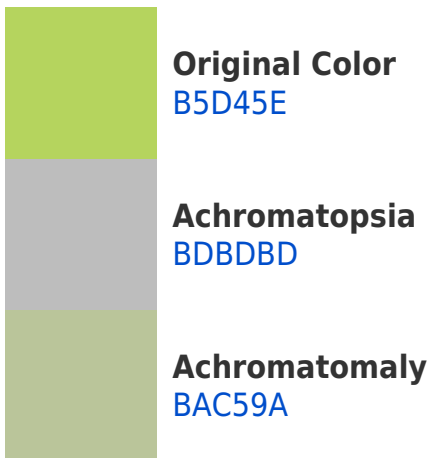


Tritanopia
C3C7D7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B5D45E 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 #B5D45E looks like.

```
.text, #text, p{  
    color:#B5D45E  
}
```

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 #B5D45E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5D45E
}
```

Border

The CSS property to change the border of an element to Hex B5D45E 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
#B5D45E }
```

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

```
.border{ border-color:#B5D45E }
```

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

Here you see how a box with a 4 pixel #B5D45E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5D45E; -webkit-box-shadow:4px 4px  
4px 4px #B5D45E; box-shadow:4px 4px 4px  
4px #B5D45E }
```

Background

The CSS property to change the background color of an element to Hex B5D45E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5D45E }
```

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

```
.background{ background-color:#B5D45E }
```

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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