

Converting Colors

Hex(B4E25A)

Have a look what the booklet for
Hex(B4E25A) contains.

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Color

Hex(B4E25A)

Conversions

Conversions Part 1

Format	Color
Hex	B4E25A
RGB	180, 226, 90
RGB Percent	71%, 89%, 35%
CMY	0.2941, 0.1137, 0.6471
CMYK	0.20, 0.00, 0.60, 0.11
HSL	80°, 70%, 62%
HSV	80°, 60%, 89%
XYZ	47.8642, 64.8342, 19.6644
YIQ	196.7420, 16.2400, -52.0480

Conversions

Conversions Part 2

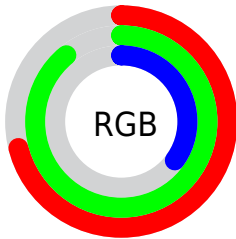
Format	Color
RYB	90, 226, 136
Decimal	11854426
CIELab	84.40, -34.95, 60.05
CIElCh	84, 69.483, 120.203
Yxy	64.8342, 0.3616, 0.4898
Android (android.graphics.Color)	4290044506 (0xFFB4E25A)
YUV	196.7420, -52.6238, -14.6827
Hunter-Lab	80.5197, -34.8017, 41.8841

Details

The Hex color **B4E25A** 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 **885AE2**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **EEFF91**, and **7CAA20** is the 20% darker color. If you saturate the color by 10%, you get **ACE243**, and if you desaturate by 10%, it is **BCE271**.

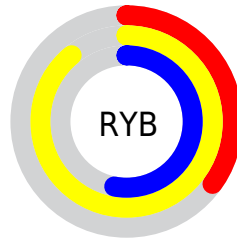
Distribution



Red (71%)

Green (89%)

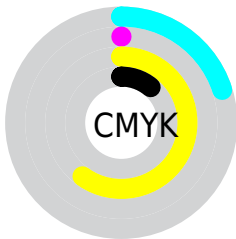
Blue (35%)



Red (35%)

Yellow (89%)

Blue (53%)

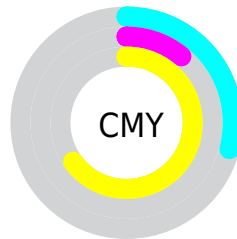


Cyan (20%)

Magenta (0%)

Yellow (60%)

Black (11%)



Cyan (29%)

Magenta (11%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color B4E25A 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 B4E25A by changing the saturation by 10% instead.

 B4E25A

 B4E25A

FFFFFF

 98C63E

 EEFF91

 7CAA20

 FFFFAD

 609000

 FFFFC9

 457600

 FFFFE6

 2A5D00

 054500

 002E00

 001800

 000000

 B4E25A

 B4E25A

 ACE243

 BCE271

 A5E22D

 C3E287

 9DE216

 CBE29E

 96E200

 D3E2B4

 DAE2CB

 E2E2E2

 EAE2F8

 F1E2FF

 F9E2FF

Harmonies

Analogous

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



F6CF46



B4E25A



57ED8E

Triad

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



B4E25A



00EAFB



FF98D5

Complementary

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



B4E25A



885AE2

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.



FFA6FF



B4E25A



35DAFF

Square

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



B4E25A



00F2FF



D5C1FF



FFA094

Rectangle

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



B4E25A



00F1BA



D5C1FF



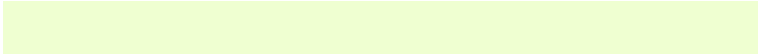
FF9AEB

Sweetspot

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



B4E25A



EFFFD1



E2875A



768063



000000



808080

Same Dimension

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



B4E25A



C1FF47



71E25A



6C7065



74B000



203000

Inverse Universe

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



885AE2



8547FF



CB5AE2



696570



3C00B0



100030

Previews

White Background



This preview shows how the Hex color B4E25A looks on a white background.

Color Contrast Check

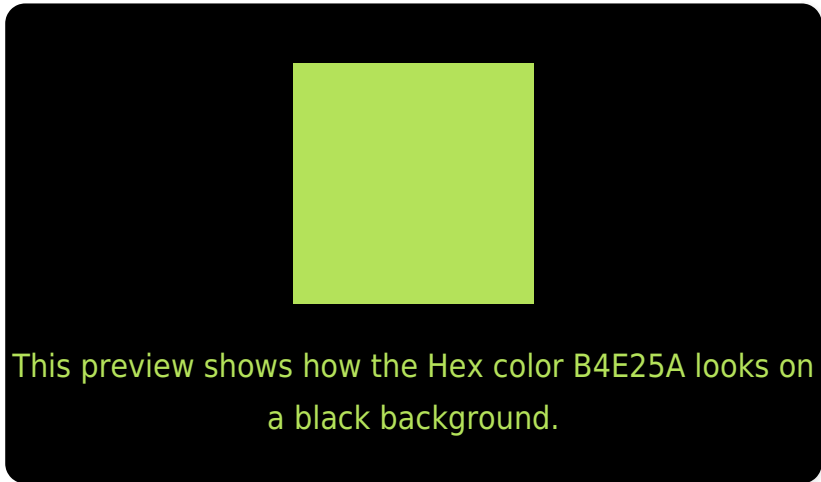
Large Text (above 18pt) WCAG AA × Fail

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 B4E25A Background



This preview shows how black text looks on a background with the Hex color B4E25A.

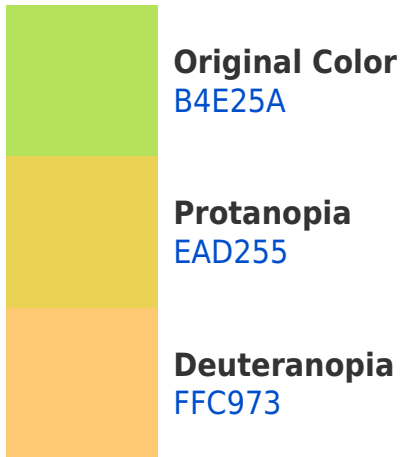


This preview shows how white text looks on a background with the Hex color B4E25A.

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](#).

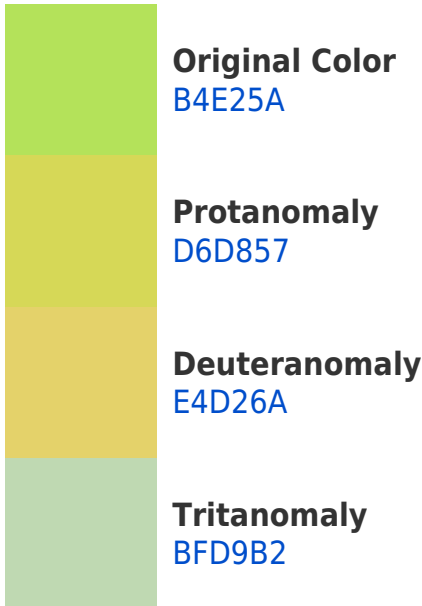
Dichromacy



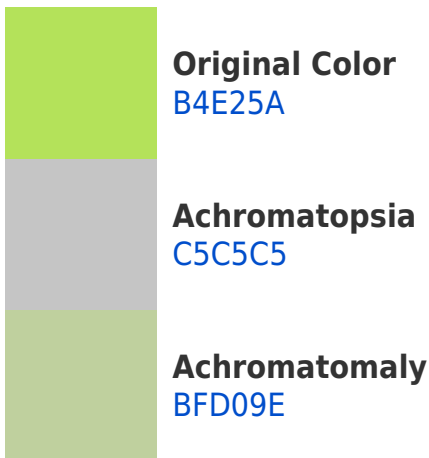


Tritanopia
C5D4E5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B4E25A 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 #B4E25A looks like.

```
.text, #text, p{  
    color:#B4E25A  
}
```

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 #B4E25A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B4E25A
}
```

Border

The CSS property to change the border of an element to Hex B4E25A 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
#B4E25A }
```

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

```
.border{ border-color:#B4E25A }
```

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

Here you see how a box with a 4 pixel #B4E25A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B4E25A; -webkit-box-shadow:4px 4px  
4px 4px #B4E25A; box-shadow:4px 4px 4px  
4px #B4E25A }
```

Background

The CSS property to change the background color of an element to Hex B4E25A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B4E25A }
```

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

```
.background{ background-color:#B4E25A }
```

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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