

# Converting Colors

Hex(BAE241)

Have a look what the booklet for  
Hex(BAE241) contains.

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**Color**

**Hex(BAE241)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BAE241
RGB	186, 226, 65
RGB Percent	73%, 89%, 25%
CMY	0.2706, 0.1137, 0.7451
CMYK	0.18, 0.00, 0.71, 0.11
HSL	75°, 74%, 57%
HSV	75°, 71%, 89%
XYZ	48.4002, 65.2135, 15.0375
YIQ	195.6860, 27.8410, -58.5510

# Conversions

## Conversions Part 2

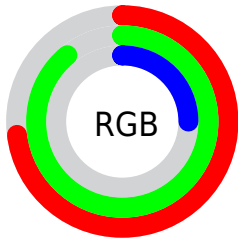
Format	Color
<a href="#">RYB</a>	<a href="#">65, 226, 105</a>
Decimal	<a href="#">12247617</a>
CIELab	<a href="#">84.59, -34.32, 70.06</a>
CIELCh	<a href="#">85, 78.011, 116.098</a>
Yxy	<a href="#">65.2135, 0.3762, 0.5069</a>
Android (android.graphics.Color)	<a href="#">4290437697</a> ( <a href="#">0xFFBAE241</a> )
YUV	<a href="#">195.6860, -64.4282, -8.4946</a>
Hunter-Lab	<a href="#">80.7549, -34.3375, 45.4879</a>

# Details

The Hex color **BAE241** 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 **6941E2**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **F5FF7A**, and **81AB00** is the 20% darker color. If you saturate the color by 10%, you get **B4E22A**, and if you desaturate by 10%, it is **C0E258**.

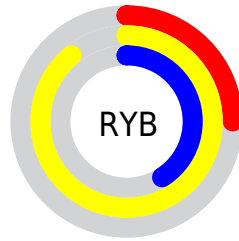
# Distribution



Red (73%)

Green (89%)

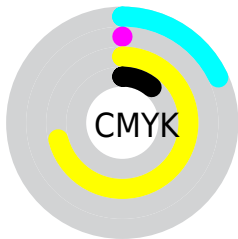
Blue (25%)



Red (25%)

Yellow (89%)

Blue (41%)

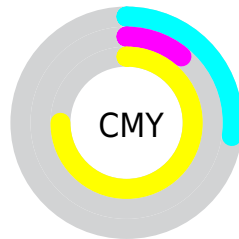


Cyan (18%)

Magenta (0%)

Yellow (71%)

Black (11%)



Cyan (27%)

Magenta (11%)

Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BAE241 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 BAE241 by changing the saturation by 10% instead.



 BAE241

 BAE241

FFFFFF

 9DC61F

 F5FF7A

 81AB00

 FFFF97

 659000

 FFFFB3

 497600

 FFFFFD0

 2C5D00

 FFFFEE

 094500

 002E00

 001900

 000000

 BAE241

 BAE241

 B4E22A

 C0E258

 AFE214

 C5E26E

 AAE200

 CBE285

 D0E29B

 D6E2B2

 DCE2C9

 E1E2DF

 E7E2F6

 EDE2FF

# Harmonies

## Analogous

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



FFCC2F



BAE241



52EF7D

# Triad

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



BAE241



00EFFF



FF8EE0

# Complementary

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



BAE241



6941E2

# Split Complementary

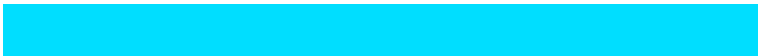
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFA4FF



BAE241



00DEFF

# Square

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



BAE241



00F6FF



C2C4FF



FF9497

# Rectangle

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



BAE241



00F4AD



C2C4FF



FF93F9

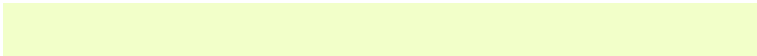


# Sweetspot

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



BAE241



F2FFC9



E26741



788060



000000



808080



# Same Dimension

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



BAE241



C9FF26



6CE241



6D7065



84B000



243000



# Inverse Universe

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



6941E2



5C26FF



B741E2



686570



2C00B0



0C0030



# Previews

## White Background



This preview shows how the Hex color BAE241 looks on a white background.

## Color Contrast Check

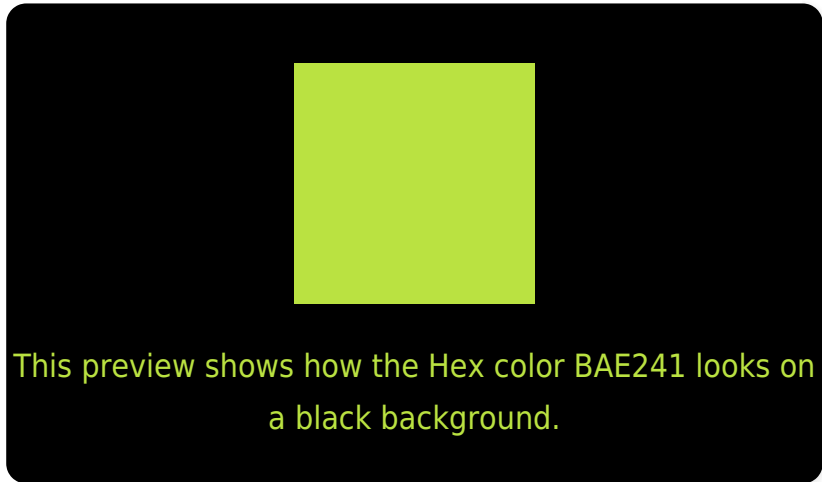
Large Text (above 18pt) WCAG AA × Fail

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 BAE241 Background



This preview shows how black text looks on a background with the Hex color BAE241.

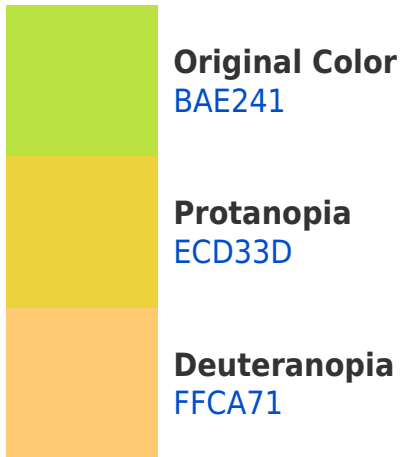


This preview shows how white text looks on a background with the Hex color BAE241.

# 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](#).

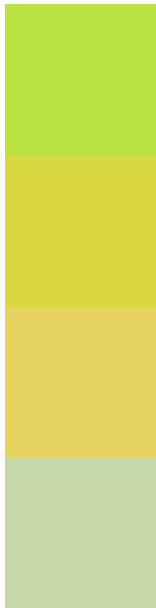
## Dichromacy





**Tritanopia**  
CBD3E4

# Trichromacy



**Original Color**  
BAE241

**Protanomaly**  
DAD83E

**Deuteranomaly**  
E6D360

**Tritanomaly**  
C5D8A9

# Monochromacy



**Original Color**  
BAE241

**Achromatopsia**  
C4C4C4

**Achromatomaly**  
C0CF94

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BAE241 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 #BAE241 looks like.

```
.text, #text, p{  
    color:#BAE241  
}
```

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 #BAE241 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BAE241
}
```

## Border

The CSS property to change the border of an element to Hex BAE241 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
#BAE241 }
```

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

```
.border{ border-color:#BAE241 }
```

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

Here you see how a box with a 4 pixel #BAE241 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BAE241; -webkit-box-shadow:4px 4px  
4px 4px #BAE241; box-shadow:4px 4px 4px  
4px #BAE241 }
```

# Background

The CSS property to change the background color of an element to Hex BAE241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BAE241 }
```

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

```
.background{ background-color:#BAE241 }
```

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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