

Converting Colors

Hex(81BB36)

Have a look what the booklet for
Hex(81BB36) contains.

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Color

Hex(81BB36)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 81BB36 |
| RGB | 129, 187, 54 |
| RGB Percent | 51%, 73%, 21% |
| CMY | 0.4941, 0.2667, 0.7882 |
| CMYK | 0.31, 0.00, 0.71, 0.27 |
| HSL | 86°, 55%, 47% |
| HSV | 86°, 71%, 73% |
| XYZ | 27.4894, 40.4741, 9.8535 |
| YIQ | 154.4960, 8.1250, -53.6590 |

Conversions

Conversions Part 2

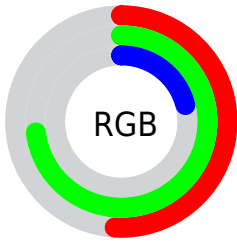
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 54, 187, 112 |
| Decimal | 8502070 |
| CIELab | 69.81, -39.19, 58.15 |
| CIELCh | 70, 70.125, 123.982 |
| Yxy | 40.4741, 0.3533, 0.5201 |
| Android (android.graphics.Color) | 4286692150 (0xFF81BB36) |
| YUV | 154.4960, -49.5445, -22.3600 |
| Hunter-Lab | 63.6193, -34.2051, 35.3505 |

Details

The Hex color **81BB36** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **7036BB**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **BAF46D**, and **4A8500** is the 20% darker color. If you saturate the color by 10%, you get **79BB23**, and if you desaturate by 10%, it is **89BB49**.

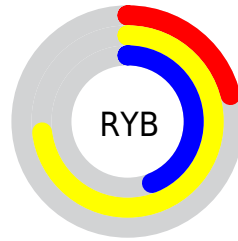
Distribution



Red (51%)

Green (73%)

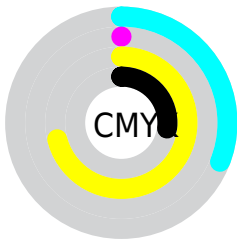
Blue (21%)



Red (21%)

Yellow (73%)

Blue (44%)

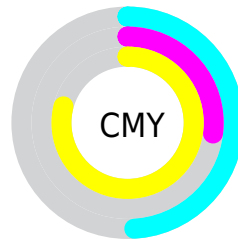


Cyan (31%)

Magenta (0%)

Yellow (71%)

Black (27%)



Cyan (49%)

Magenta (27%)


Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 81BB36 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 81BB36 by changing the saturation by 10% instead.

 81BB36

 81BB36

FFFFFF

 65A016

 BAF46D

 4A8500

 D7FF88

 2D6C00

 F4FFA4

 0A5300

 FFFFC0

 003B00

 FFFFDD

 002700

 FFFFFA

 000000

 81BB36

 81BB36

 79BB23

 89BB49

71BB11

91BB5B

69BB00

99BB6E

A2BB81

AABB93

B2BBA6

BABBB9

C2BBCC

CABBDE

Harmonies

Analogous

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



C3AA12



81BB36



00C570

Triad

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



81BB36



00C0FF



FF6CA5

Complementary

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



81BB36



7036BB

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.



FE7AE4



81BB36



00AFFF

Square

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



81BB36



00C7F0



B696FF



FF7867

Rectangle

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



81BB36



00C89B



B696FF



FF6EBA

Sweetspot

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



81BB36



DCF2BF



BB7036



6D7A5C



FAFAFA



7A7A7A

Same Dimension

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



81BB36



98F224



3FBB36



5A5E55



599E00



111F00

Inverse Universe

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



7036BB



7E24F2



B236BB



59555E



45009E



0D001F

Previews

White Background



This preview shows how the Hex color 81BB36 looks on a white background.

Color Contrast Check

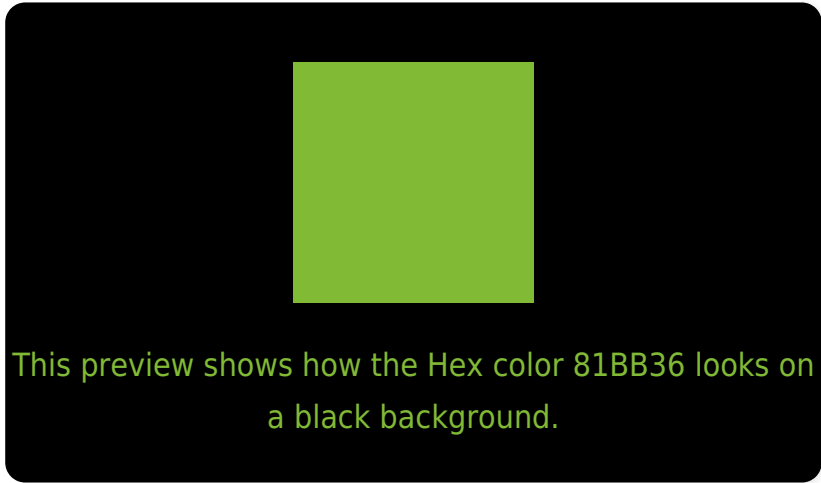
Large Text (above 18pt) WCAG AA × Fail

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 81BB36 Background



This preview shows how black text looks on a background with the Hex color 81BB36.

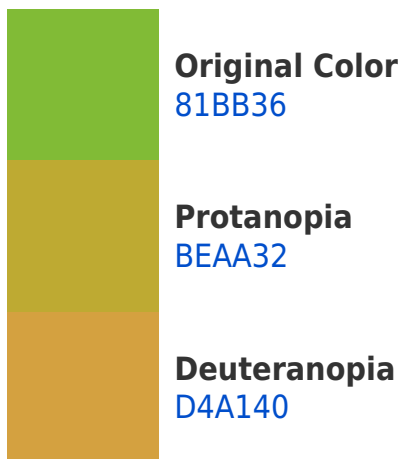


This preview shows how white text looks on a background with the Hex color 81BB36.

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](#).

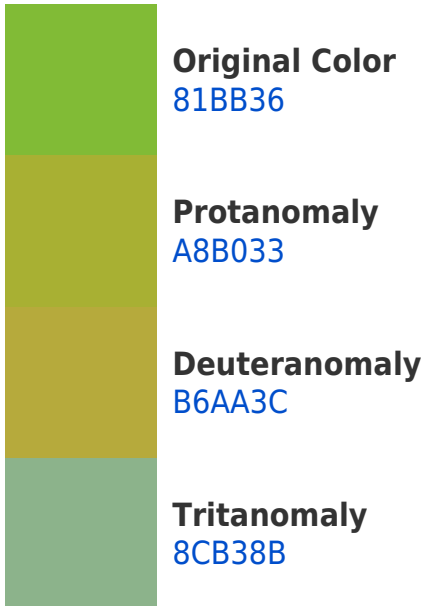
Dichromacy





Tritanopia
92AFBC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 81BB36 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 #81BB36 looks like.

```
.text, #text, p{  
    color:#81BB36  
}
```

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 #81BB36 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81BB36
}
```

Border

The CSS property to change the border of an element to Hex 81BB36 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
#81BB36 }
```

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

```
.border{ border-color:#81BB36 }
```

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

Here you see how a box with a 4 pixel #81BB36 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81BB36; -webkit-box-shadow:4px 4px  
4px 4px #81BB36; box-shadow:4px 4px 4px  
4px #81BB36 }
```

Background

The CSS property to change the background color of an element to Hex 81BB36 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81BB36 }
```

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

```
.background{ background-color:#81BB36 }
```

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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