

Converting Colors

Hex(86B243)

Have a look what the booklet for
Hex(86B243) contains.

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Color

Hex(86B243)

Conversions

Conversions Part 1

Format	Color
Hex	86B243
RGB	134, 178, 67
RGB Percent	53%, 70%, 26%
CMY	0.4745, 0.3020, 0.7373
CMYK	0.25, 0.00, 0.62, 0.30
HSL	84°, 45%, 48%
HSV	84°, 62%, 70%
XYZ	26.7650, 37.3144, 11.1019
YIQ	152.1900, 9.4070, -43.8490

Conversions

Conversions Part 2

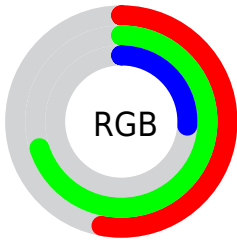
Format	Color
RYB	67, 178, 111
Decimal	8827459
CIELab	67.51, -32.24, 50.55
CIElCh	68, 59.957, 122.527
Yxy	37.3144, 0.3560, 0.4963
Android (android.graphics.Color)	4287017539 (0xFF86B243)
YUV	152.1900, -41.9987, -15.9526
Hunter-Lab	61.0855, -28.6886, 31.9842

Details

The Hex color **86B243** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **6F43B2**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **BEEA78**, and **507D06** is the 20% darker color. If you saturate the color by 10%, you get **7FB231**, and if you desaturate by 10%, it is **8DB255**.

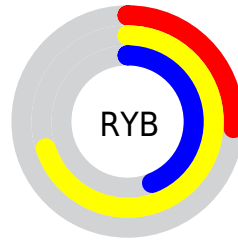
Distribution



Red (53%)

Green (70%)

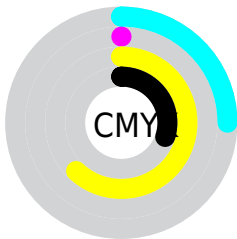
Blue (26%)



Red (26%)

Yellow (70%)

Blue (44%)

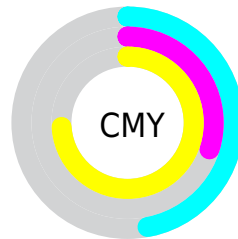


Cyan (25%)

Magenta (0%)

Yellow (62%)

Black (30%)



Cyan (47%)

Magenta (30%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 86B243 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 86B243 by changing the saturation by 10% instead.

 86B243

 86B243

FFFFFF

 6B9728

 BEEA78

 507D06

 DAFF92

 366400

 F8FFAE

 1B4C00

 FFFFCA

 003400

 FFFFFE7

 002100

 000000

 86B243

 86B243

 7FB231

 8DB255

 78B21F

 94B267

 71B20E

 9BB278

 6BB200

 A2B28A

 A9B29C

 B0B2AE

 B7B2C0

 BEB2D1

 C6B2E3

Harmonies

Analogous

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



BDA32F



86B243



31BB70

Triad

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



86B243



00B7FF



FF73A2

Complementary

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



86B243



6F43B2

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.



EA7ED7



86B243



2DA9FF

Square

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



86B243



00BEDD



AC94FF



FF7B6D

Rectangle

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



86B243



00BE95



AC94FF



FF74B4

Sweetspot

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



86B243



D7E8BC



B26E43



6B755A



F5F5F5



757575

Same Dimension

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



86B243



A3E83A



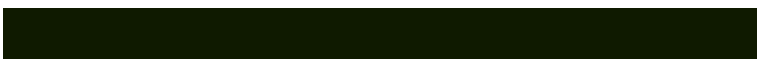
50B243



565950



5C9900



0F1A00

Inverse Universe

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



6F43B2



7F3AE8



A543B2



545059



3D0099



0A001A

Previews

White Background



This preview shows how the Hex color 86B243 looks on a white background.

Color Contrast Check

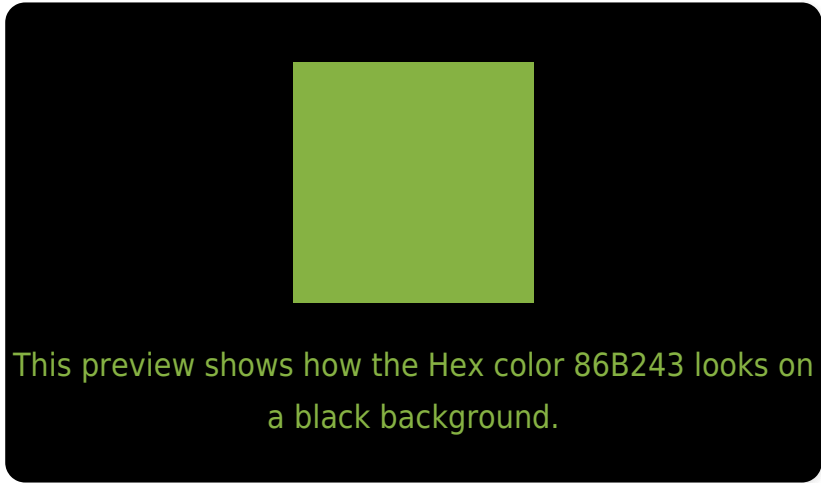
Large Text (above 18pt) WCAG AA × Fail

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

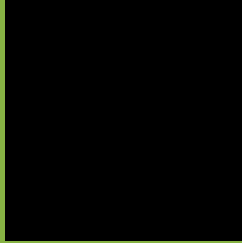
Any Text WCAG AA ✓ Pass

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 86B243 Background



This preview shows how black text looks on a background with the Hex color 86B243.



This preview shows how white text looks on a background with the Hex color 86B243.

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



Original Color
86B243

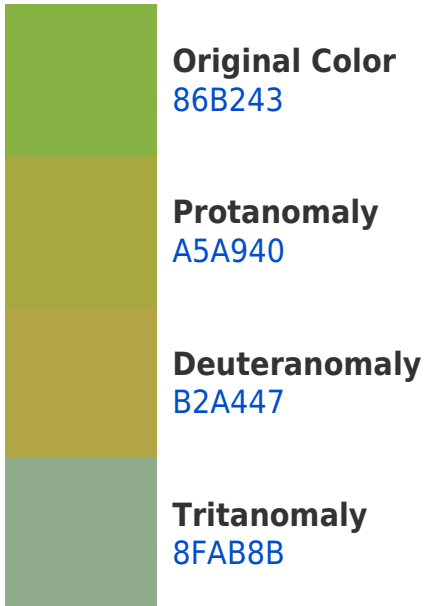
Protanopia
B7A43F

Deuteranopia
CB9C4A

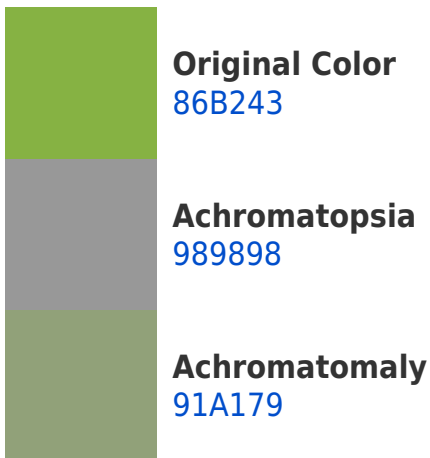


Tritanopia
94A7B4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 86B243 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 #86B243 looks like.

```
.text, #text, p{  
    color:#86B243  
}
```

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 #86B243 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86B243
}
```

Border

The CSS property to change the border of an element to Hex 86B243 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
#86B243 }
```

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

```
.border{ border-color:#86B243 }
```

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

Here you see how a box with a 4 pixel #86B243 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86B243; -webkit-box-shadow:4px 4px  
4px 4px #86B243; box-shadow:4px 4px 4px  
4px #86B243 }
```

Background

The CSS property to change the background color of an element to Hex 86B243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86B243 }
```

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

```
.background{ background-color:#86B243 }
```

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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