

Converting Colors

Hex(86B364)

Have a look what the booklet for
Hex(86B364) contains.

Hex(86B364)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(86B364)

Conversions

Conversions Part 1

Format	Color
Hex	86B364
RGB	134, 179, 100
RGB Percent	53%, 70%, 39%
CMY	0.4745, 0.2980, 0.6078
CMYK	0.25, 0.00, 0.44, 0.30
HSL	94°, 34%, 55%
HSV	94°, 44%, 70%
XYZ	28.2519, 38.2286, 17.9464
YIQ	156.5390, -1.4610, -34.1090

Conversions

Conversions Part 2

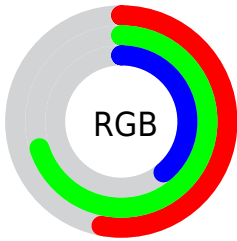
Format	Color
RYB	100, 179, 145
Decimal	8827748
CIELab	68.19, -29.20, 35.50
CIElCh	68, 45.960, 129.437
Yxy	38.2286, 0.3346, 0.4528
Android (android.graphics.Color)	4287017828 (0xFF86B364)
YUV	156.5390, -27.8737, -19.7667
Hunter-Lab	61.8293, -26.6387, 26.0711

Details

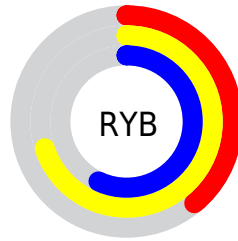
The Hex color **86B364** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **9164B3**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **BDEB98**, and **527E33** is the 20% darker color. If you saturate the color by 10%, you get **7CB352**, and if you desaturate by 10%, it is **90B376**.

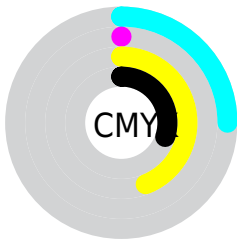
Distribution



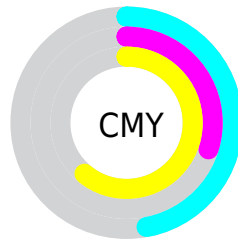
- Red (53%)
- Green (70%)
- Blue (39%)



- Red (39%)
- Yellow (70%)
- Blue (57%)



- Cyan (25%)
- Magenta (0%)
- Yellow (44%)
- Black (30%)



- Cyan (47%)
- Magenta (30%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 86B364 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 86B364 by changing the saturation by 10% instead.

 86B364

 86B364

FFFFFF

 6C984B

 BDEB98

 527E33


 D9FFB3

 39651B

 F6FFCF

 1F4C01

 FFFFEC

 043500

 002100

 000000

 86B364

 86B364

 7CB352

 90B376

 72B340

 9AB388

 67B32E

 A5B39A

 5DB31C

 AFB3AC

 53B30A

 B9B3BE

 4DB300

 C3B3CF

 CDB3E1

 D8B3F3

 E2B3FF

Harmonies

Analogous

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



B3A852



86B364



4CBA88

Triad

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



86B364



00B2F3



F5849B

Complementary

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



86B364



9164B3

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.



E488C4



86B364



7AA6F8

Square

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



86B364



00BADA



BB96E7



EF8B74

Rectangle

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



86B364



00BBA4



BB96E7



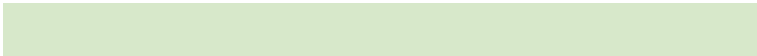
F284A9

Sweetspot

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



86B364



D7E8CA



B39164



6B7563



F5F5F5



757575

Same Dimension

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



86B364



A2E86D



64B369



545950



429900



0B1A00

Inverse Universe

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



9164B3



B36DE8



B364AE



555059



570099



0F001A

Previews

White Background



This preview shows how the Hex color 86B364 looks on a white background.

Color Contrast Check

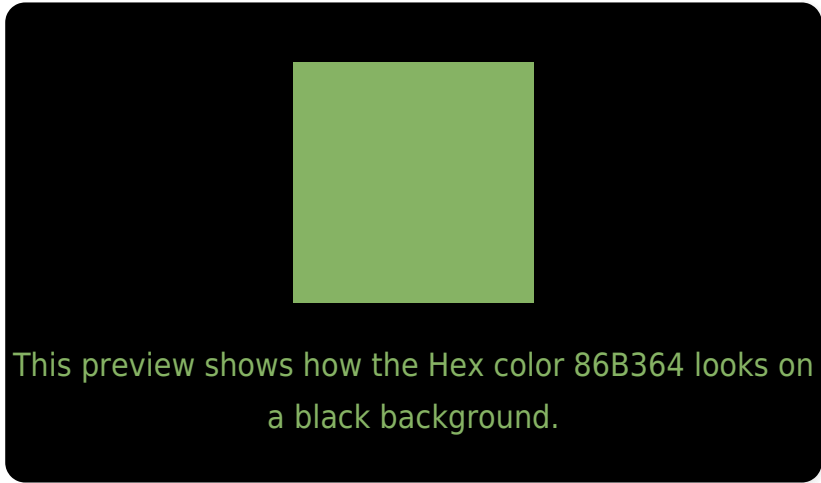
Large Text (above 18pt) WCAG AA × Fail

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

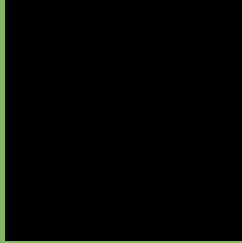
Any Text WCAG AA ✓ Pass

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 86B364 Background



This preview shows how black text looks on a background with the Hex color 86B364.



This preview shows how white text looks on a background with the Hex color 86B364.

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](#).

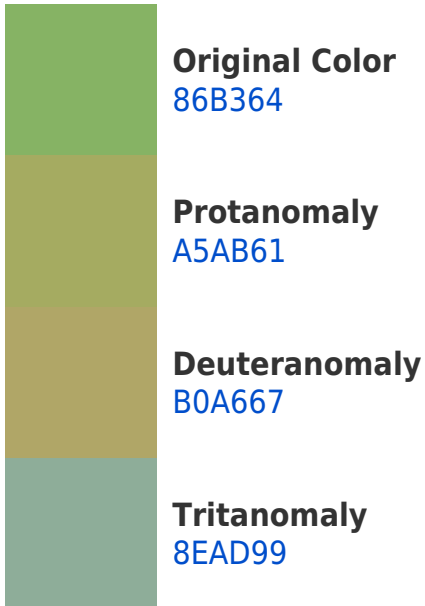
Dichromacy





Tritanopia
92A9B7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 86B364 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 #86B364 looks like.

```
.text, #text, p{  
    color:#86B364  
}
```

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 #86B364 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86B364
}
```

Border

The CSS property to change the border of an element to Hex 86B364 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
#86B364 }
```

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

```
.border{ border-color:#86B364 }
```

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

Here you see how a box with a 4 pixel #86B364 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86B364; -webkit-box-shadow:4px 4px  
4px 4px #86B364; box-shadow:4px 4px 4px  
4px #86B364 }
```

Background

The CSS property to change the background color of an element to Hex 86B364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86B364 }
```

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

```
.background{ background-color:#86B364 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor