

Converting Colors

Hex(86B653)

Have a look what the booklet for
Hex(86B653) contains.

Hex(86B653)	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(86B653)

Conversions

Conversions Part 1

Format	Color
Hex	86B653
RGB	134, 182, 83
RGB Percent	53%, 71%, 33%
CMY	0.4745, 0.2863, 0.6745
CMYK	0.26, 0.00, 0.54, 0.29
HSL	89°, 40%, 52%
HSV	89°, 54%, 71%
XYZ	28.1208, 39.1488, 14.2580
YIQ	156.3620, 3.1710, -40.9650

Conversions

Conversions Part 2

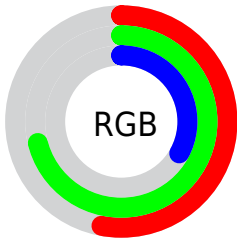
Format	Color
RYB	83, 182, 131
Decimal	8828499
CIELab	68.86, -32.60, 44.75
CIELCh	69, 55.363, 126.075
Yxy	39.1488, 0.3449, 0.4802
Android (android.graphics.Color)	4287018579 (0xFF86B653)
YUV	156.3620, -36.1675, -19.6115
Hunter-Lab	62.5690, -29.2712, 30.2875

Details

The Hex color **86B653** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **8353B6**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **BDEE87**, and **518120** is the 20% darker color. If you saturate the color by 10%, you get **7DB641**, and if you desaturate by 10%, it is **8FB665**.

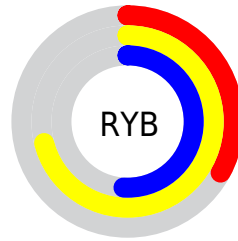
Distribution



Red (53%)

Green (71%)

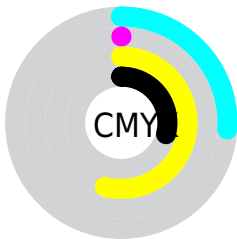
Blue (33%)



Red (33%)

Yellow (71%)

Blue (51%)

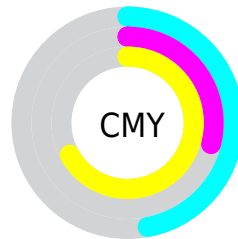


Cyan (26%)

Magenta (0%)

Yellow (54%)

Black (29%)



Cyan (47%)

Magenta (29%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 86B653 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 86B653 by changing the saturation by 10% instead.



86B653



86B653

FFFFFF



6B9B3A



BDEE87



518120



DAFFA2



376700



F7FFBE



1C4F00



FFFFDA



003800



FFFFF7



002300



000000



86B653



86B653



7DB641



8FB665

 74B62F

 98B677

 6CB61C

 A0B68A

 63B60A

 A9B69C

 5EB600

 B2B6AE

 BBB6C0

 C4B6D2

 CDB6E5

 D5B6F7

Harmonies

Analogous

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



BBA93F



86B653



39BE7D

Triad

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



86B653



00B8FF



FF7CA0

Complementary

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



86B653



8353B6

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.



ED84D2



86B653



5DAAFF

Square

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



86B653



00BFE2



B997F9



FF8570

Rectangle

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



86B653



00C0A0



B997F9



FF7DB1

Sweetspot

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



86B653



DBEDC7



B68353



6D7861



F7F7F7



787878

Same Dimension

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



86B653



A2ED53



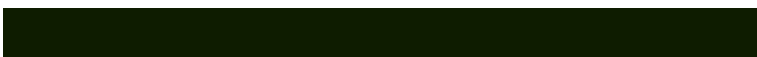
55B653



575C53



509C00



0E1C00

Inverse Universe

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



8353B6



9E53ED



B453B6



57535C



4B009C



0E001C

Previews

White Background



This preview shows how the Hex color 86B653 looks on a white background.

Color Contrast Check

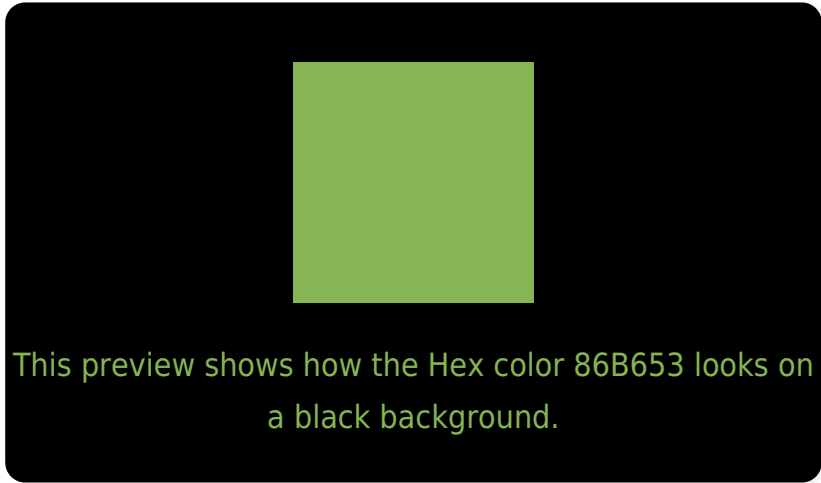
Large Text (above 18pt) WCAG AA × Fail

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 86B653 Background



This preview shows how black text looks on a background with the Hex color 86B653.

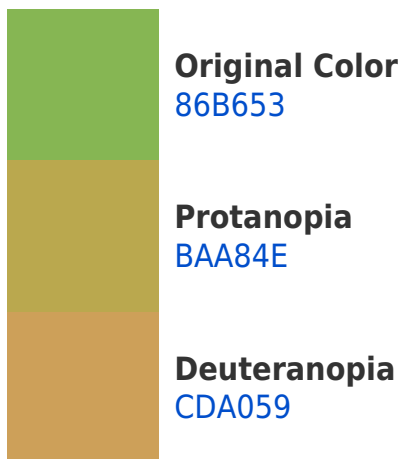


This preview shows how white text looks on a background with the Hex color 86B653.

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](#).

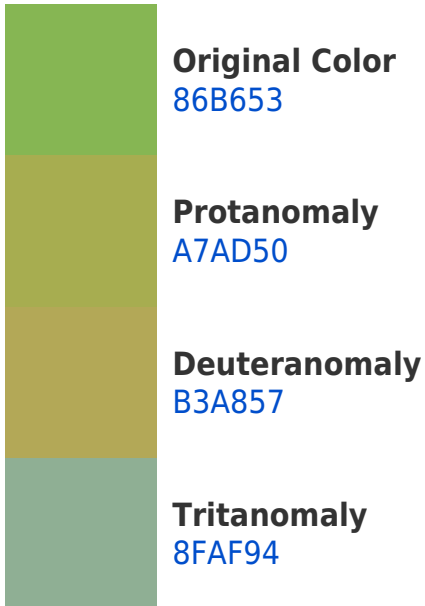
Dichromacy





Tritanopia
94ABB9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 86B653 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 #86B653 looks like.

```
.text, #text, p{  
    color:#86B653  
}
```

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 #86B653 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86B653
}
```

Border

The CSS property to change the border of an element to Hex 86B653 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
#86B653 }
```

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

```
.border{ border-color:#86B653 }
```

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

Here you see how a box with a 4 pixel #86B653 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86B653; -webkit-box-shadow:4px 4px  
4px 4px #86B653; box-shadow:4px 4px 4px  
4px #86B653 }
```

Background

The CSS property to change the background color of an element to Hex 86B653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86B653 }
```

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

```
.background{ background-color:#86B653 }
```

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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