

Converting Colors

Hex(86A653)

Have a look what the booklet for
Hex(86A653) contains.

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Color

Hex(86A653)

Conversions

Conversions Part 1

Format	Color
Hex	86A653
RGB	134, 166, 83
RGB Percent	53%, 65%, 33%
CMY	0.4745, 0.3490, 0.6745
CMYK	0.19, 0.00, 0.50, 0.35
HSL	83°, 33%, 49%
HSV	83°, 50%, 65%
XYZ	25.0291, 32.9653, 13.2274
YIQ	146.9700, 7.5710, -32.5970

Conversions

Conversions Part 2

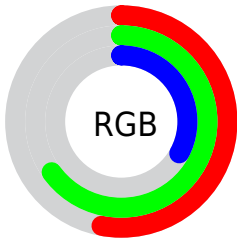
Format	Color
RYB	83, 166, 115
Decimal	8824403
CIELab	64.13, -24.92, 39.11
CIElCh	64, 46.370, 122.503
Yxy	32.9653, 0.3514, 0.4629
Android (android.graphics.Color)	4287014483 (0xFF86A653)
YUV	146.9700, -31.5372, -11.3747
Hunter-Lab	57.4154, -22.6636, 26.5315

Details

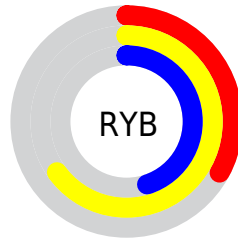
The Hex color **86A653** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **7353A6**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **BDDD86**, and **527222** is the 20% darker color. If you saturate the color by 10%, you get **80A642**, and if you desaturate by 10%, it is **8CA664**.

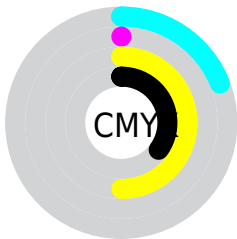
Distribution



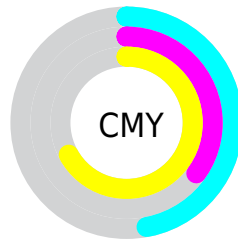
- Red (53%)
- Green (65%)
- Blue (33%)



- Red (33%)
- Yellow (65%)
- Blue (45%)



- Cyan (19%)
- Magenta (0%)
- Yellow (50%)
- Black (35%)



- Cyan (47%)
- Magenta (35%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 86A653 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 86A653 by changing the saturation by 10% instead.



86A653



86A653

FFFFFF



6C8C3A



BDDD86



527222



D9FAA1



395906



F6FFBD



214200



FFFFD9



052B00



FFFFFF5



001700



000000



86A653



86A653



80A642



8CA664

 79A632

 93A674

 73A621

 99A685

 6CA611

 A0A695

 66A600

 A6A6A6

 ACA6B7

 B3A6C7

 B9A6D8

 C0A6E8

Harmonies

Analogous

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



B19A46



86A653



50AD74

Triad

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



86A653



00AAE4



E8799A

Complementary

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



86A653



7353A6

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.



D180C2



86A653



599FEE

Square

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



86A653



00AFC7



A38FE1



E77E71

Rectangle

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



86A653



00B08F



A38FE1



E37AA8

Sweetspot

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



86A653



CCD9B8



A67353



666E5A



EDEDED



6E6E6E

Same Dimension

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



86A653



A7D957



5DA653



51544C



5B9400



0D1400

Inverse Universe

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



7353A6



8957D9



9C53A6



4F4C54



390094



080014

Previews

White Background



This preview shows how the Hex color 86A653 looks on a white background.

Color Contrast Check

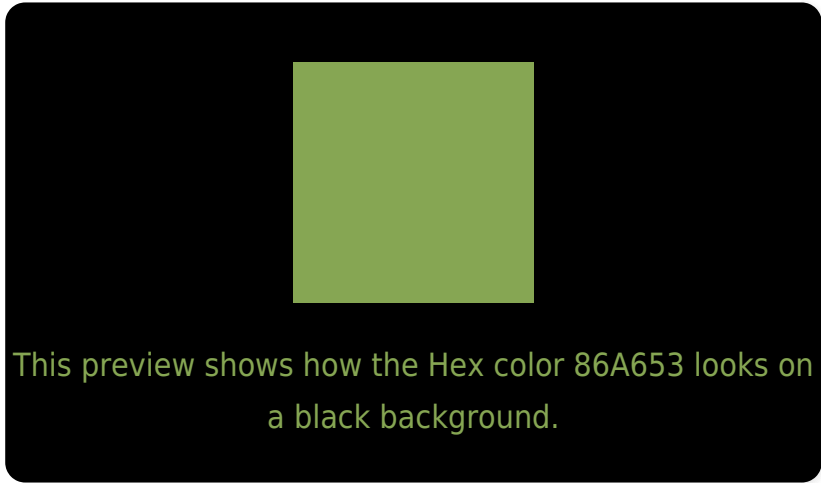
Large Text (above 18pt) WCAG AA × Fail

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 86A653 Background



This preview shows how black text looks on a background with the Hex color 86A653.



This preview shows how white text looks on a background with the Hex color 86A653.

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
86A653

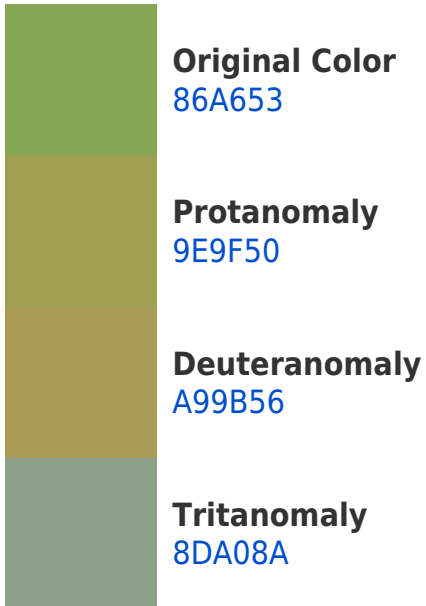
Protanopia
AB9B4F

Deuteranopia
BD9458

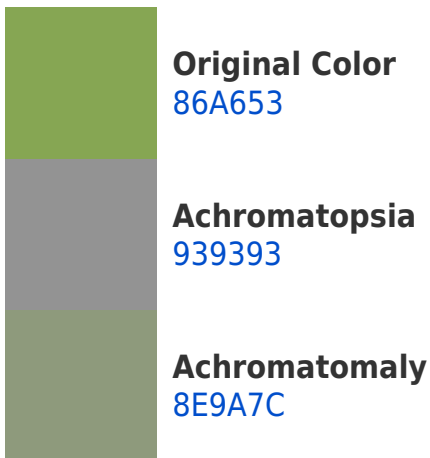


Tritanopia
919DA9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 86A653 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 #86A653 looks like.

```
.text, #text, p{  
    color:#86A653  
}
```

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 #86A653 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86A653
}
```

Border

The CSS property to change the border of an element to Hex 86A653 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
#86A653 }
```

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

```
.border{ border-color:#86A653 }
```

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

Here you see how a box with a 4 pixel #86A653 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86A653; -webkit-box-shadow:4px 4px  
4px 4px #86A653; box-shadow:4px 4px 4px  
4px #86A653 }
```

Background

The CSS property to change the background color of an element to Hex 86A653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86A653 }
```

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

```
.background{ background-color:#86A653 }
```

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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