

Converting Colors

Hex(86A267)

Have a look what the booklet for
Hex(86A267) contains.

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Color

Hex(86A267)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 86A267 |
| RGB | 134, 162, 103 |
| RGB Percent | 53%, 64%, 40% |
| CMY | 0.4745, 0.3647, 0.5961 |
| CMYK | 0.17, 0.00, 0.36, 0.36 |
| HSL | 88°, 24%, 52% |
| HSV | 88°, 36%, 64% |
| XYZ | 25.2000, 31.8883, 17.6588 |
| YIQ | 146.9020, 2.2510, -24.2850 |

Conversions

Conversions Part 2

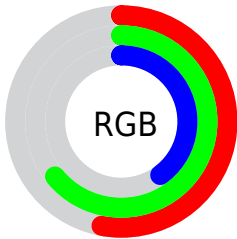
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 103, 162, 131 |
| Decimal | 8823399 |
| CIELab | 63.25, -20.39, 27.57 |
| CIELCh | 63, 34.289, 126.479 |
| Yxy | 31.8883, 0.3371, 0.4266 |
| Android (android.graphics.Color) | 4287013479 (0xFF86A267) |
| YUV | 146.9020, -21.6437, -11.3151 |
| Hunter-Lab | 56.4697, -19.1650, 20.9880 |

Details

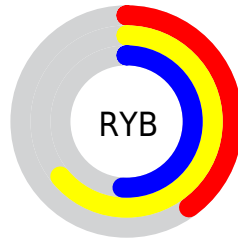
The Hex color **86A267** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **8367A2**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **BCD99B**, and **536E37** is the 20% darker color. If you saturate the color by 10%, you get **7EA257**, and if you desaturate by 10%, it is **8EA277**.

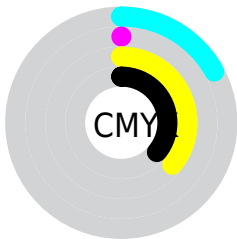
Distribution



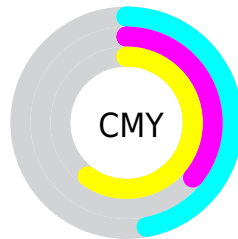
- Red (53%)
- Green (64%)
- Blue (40%)



- Red (40%)
- Yellow (64%)
- Blue (51%)



- Cyan (17%)
- Magenta (0%)
- Yellow (36%)
- Black (36%)



- Cyan (47%)
- Magenta (36%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 86A267 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 86A267 by changing the saturation by 10% instead.



86A267



86A267

FFFFFF



6C884E



BCD99B



536E37



D8F5B6



3B5620



F5FFD2



243E09



FFFEE



0E2800



001300



000000



86A267



86A267



7EA257



8EA277

 77A247

 95A287

 6FA236

 9DA298

 67A226

 A5A2A8

 60A216

 ACA2B8

 58A206

 B4A2C8

 55A200

 BCA2D8

 C4A2E9

 CBA2F9

Harmonies

Analogous

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



A7995C



86A267



61A780

Triad

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



86A267



43A3D0



D48194

Complementary

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



86A267



8367A2

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.



C585B2



86A267



789AD5

Square

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



86A267



1AA8BC



A58FCA



D28576

Rectangle

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



86A267



45A994



A58FCA



D1829E

Sweetspot

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



86A267



C9D4BC



A28367



646B5D



EBEBEB



6B6B6B

Same Dimension

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



86A267



A7D477



69A267



4E5249



4C9100



091200

Inverse Universe

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



8367A2



A377D4



A067A2



4D4952



450091



080012

Previews

White Background



This preview shows how the Hex color 86A267 looks on a white background.

Color Contrast Check

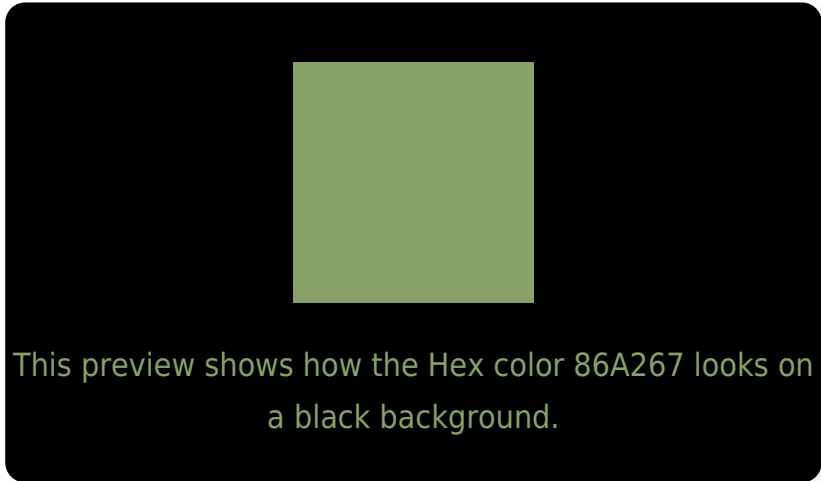
Large Text (above 18pt) WCAG AA × Fail

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

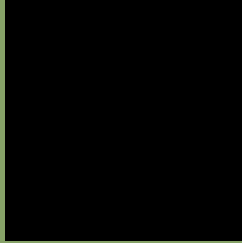
Any Text WCAG AA ✓ Pass

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 86A267 Background



This preview shows how black text looks on a background with the Hex color 86A267.



This preview shows how white text looks on a background with the Hex color 86A267.

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
86A267

Protanopia
A69963

Deuteranopia
B6926A

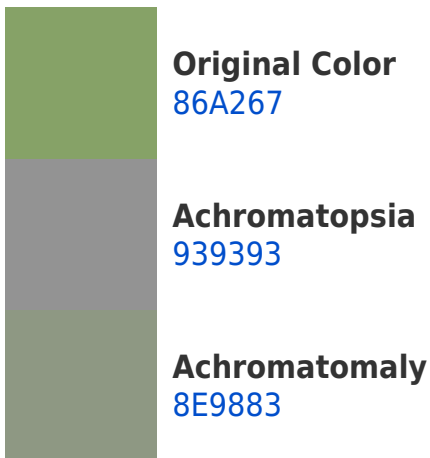


Tritanopia
8F9AA6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 86A267 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 #86A267 looks like.

```
.text, #text, p{  
    color:#86A267  
}
```

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 #86A267 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86A267  
}
```

Border

The CSS property to change the border of an element to Hex 86A267 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  
#86A267 }
```

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

```
.border{ border-color:#86A267 }
```

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

Here you see how a box with a 4 pixel #86A267 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86A267; -webkit-box-shadow:4px 4px  
4px 4px #86A267; box-shadow:4px 4px 4px  
4px #86A267 }
```

Background

The CSS property to change the background color of an element to Hex 86A267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86A267 }
```

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

```
.background{ background-color:#86A267 }
```

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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