

Converting Colors

Hex(86A527)

Have a look what the booklet for
Hex(86A527) contains.

Hex(86A527)	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(86A527)

Conversions

Conversions Part 1

Format	Color
Hex	86A527
RGB	134, 165, 39
RGB Percent	53%, 65%, 15%
CMY	0.4745, 0.3529, 0.8471
CMYK	0.19, 0.00, 0.76, 0.35
HSL	75°, 62%, 40%
HSV	75°, 76%, 65%
XYZ	23.6529, 32.1251, 6.8736
YIQ	141.3670, 21.9700, -45.7580

Conversions

Conversions Part 2

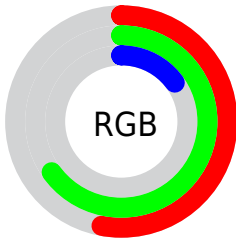
Format	Color
RYB	39, 165, 70
Decimal	8824103
CIELab	63.45, -27.94, 57.34
CIElCh	63, 63.787, 115.980
Yxy	32.1251, 0.3775, 0.5128
Android (android.graphics.Color)	4287014183 (0xFF86A527)
YUV	141.3670, -50.4669, -6.4609
Hunter-Lab	56.6790, -24.6979, 32.4851

Details

The Hex color **86A527** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **4627A5**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **BEDC5E**, and **507100** is the 20% darker color. If you saturate the color by 10%, you get **82A516**, and if you desaturate by 10%, it is **8AA537**.

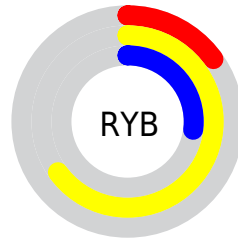
Distribution



Red (53%)

Green (65%)

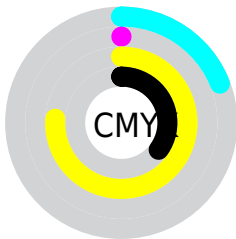
Blue (15%)



Red (15%)

Yellow (65%)

Blue (27%)

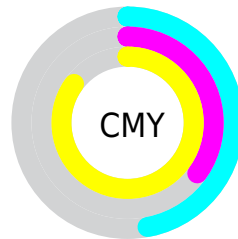


Cyan (19%)

Magenta (0%)

Yellow (76%)

Black (35%)



Cyan (47%)

Magenta (35%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 86A527 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 86A527 by changing the saturation by 10% instead.



86A527



86A527

FFFFFF



6B8B00



BEDC5E



507100



DBF979



365800



F9FF94



1A4100



FFFFB0



002A00



FFFPCD



001400



FFFEEA



000000



86A527



86A527



82A516



8AA537

 7EA506

 8EA548

 7CA500

 92A558

 96A569

 9AA579

 9EA58A

 A2A59A

 A6A5AB

 ABA5BB

Harmonies

Analogous

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



BD9418



86A527



34AF57

Triad

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



86A527



00AFF7



FB63A4

Complementary

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



86A527



4627A5

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.



D775DA



86A527



00A3FF

Square

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



86A527



00B4CA



8C8EFF



FE686B

Rectangle

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



86A527



00B37C



8C8EFF



F367B7

Sweetspot

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



86A527



CAD6A5



A54427



646B4D



EBEBEB



6B6B6B

Same Dimension

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



86A527



A6D611



49A527



505249



6E9100



0D1200

Inverse Universe

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



4627A5



4211D6



8327A5



4B4952



240091



040012

Previews

White Background



This preview shows how the Hex color 86A527 looks on a white background.

Color Contrast Check

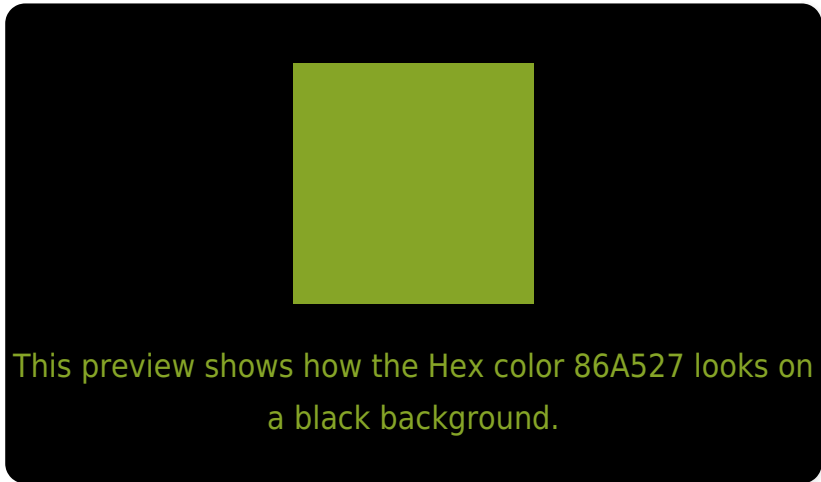
Large Text (above 18pt) WCAG AA × Fail

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 86A527 Background



This preview shows how black text looks on a background with the Hex color 86A527.



This preview shows how white text looks on a background with the Hex color 86A527.

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
86A527

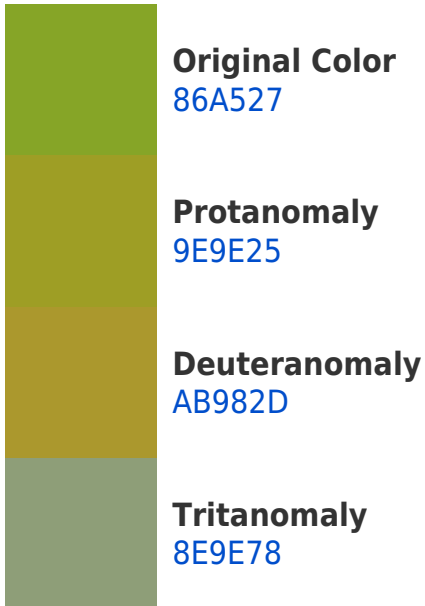
Protanopia
AC9A24

Deuteranopia
C09130

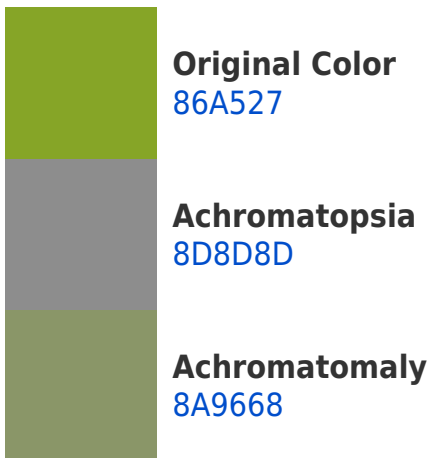


Tritanopia
939AA6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 86A527 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 #86A527 looks like.

```
.text, #text, p{  
    color:#86A527  
}
```

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 #86A527 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86A527
}
```

Border

The CSS property to change the border of an element to Hex 86A527 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
#86A527 }
```

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

```
.border{ border-color:#86A527 }
```

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

Here you see how a box with a 4 pixel #86A527 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86A527; -webkit-box-shadow:4px 4px  
4px 4px #86A527; box-shadow:4px 4px 4px  
4px #86A527 }
```

Background

The CSS property to change the background color of an element to Hex 86A527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86A527 }
```

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

```
.background{ background-color:#86A527 }
```

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