

# Converting Colors

Hex(86A446)

Have a look what the booklet for  
Hex(86A446) contains.

<b>Hex(86A446)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(86A446)

# Conversions

## Conversions Part 1

Format	Color
Hex	86A446
RGB	134, 164, 70
RGB Percent	53%, 64%, 27%
CMY	0.4745, 0.3569, 0.7255
CMYK	0.18, 0.00, 0.57, 0.36
HSL	79°, 40%, 46%
HSV	79°, 57%, 64%
XYZ	24.2125, 32.0614, 10.7067
YIQ	144.3140, 12.2940, -35.5940

# Conversions

## Conversions Part 2

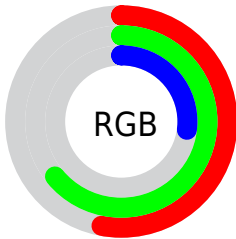
Format	Color
<a href="#">RYB</a>	<a href="#">70, 164, 100</a>
Decimal	<a href="#">8823878</a>
CIELab	<a href="#">63.39, -25.25, 44.57</a>
CIELCh	<a href="#">63, 51.230, 119.536</a>
Yxy	<a href="#">32.0614, 0.3615, 0.4787</a>
Android (android.graphics.Color)	<a href="#">4287013958 (0xFF86A446)</a>
YUV	<a href="#">144.3140, -36.6368, -9.0454</a>
Hunter-Lab	<a href="#">56.6228, -22.7616, 28.4250</a>

# Details

The Hex color **86A446** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **6446A4**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **BDDDB79**, and **517011** is the 20% darker color. If you saturate the color by 10%, you get **81A436**, and if you desaturate by 10%, it is **8BA456**.

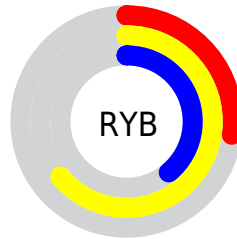
# Distribution



Red (53%)

Green (64%)

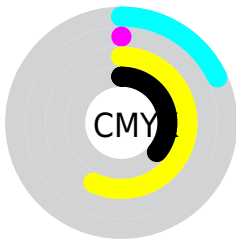
Blue (27%)



Red (27%)

Yellow (64%)

Blue (39%)

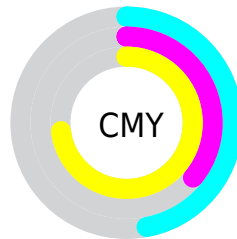


Cyan (18%)

Magenta (0%)

Yellow (57%)

Black (36%)



Cyan (47%)

Magenta (36%)

Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 86A446 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 86A446 by changing the saturation by 10% instead.





86A446



86A446

FFFFFF



6B8A2D



BDDB79



517011



DAF894



385800



F7FFAF



204000



FFFFCB



022A00



FFFFE8



001400



000000



86A446



86A446



81A436



8BA456

 7CA425

 90A467

 76A415

 96A477

 71A404

 9BA488

 70A400

 A0A498

 A5A4A8

 ABA4B9

 B0A4C9

 B5A4DA

# Harmonies

## Analogous

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



B4973A



86A446



49AC69

# Triad

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



86A446



00AAE7



EB729C

# Complementary

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



86A446



6446A4

# 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.



D17CC8



86A446



389FF5

# Square

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



86A446



00AFC5



9A8EE9



EC776F

# Rectangle

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



86A446



00AF87



9A8EE9



E574AB



# Sweetspot

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



86A446



CBD6B2



A46446



646B56



EBEBEB



6B6B6B



# Same Dimension

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



86A446



A7D642



57A446



4F5249



639100



0C1200



# Inverse Universe

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



6446A4



7242D6



9346A4



4C4952



2E0091



060012



# Previews

## White Background



This preview shows how the Hex color 86A446 looks on a white background.

## Color Contrast Check

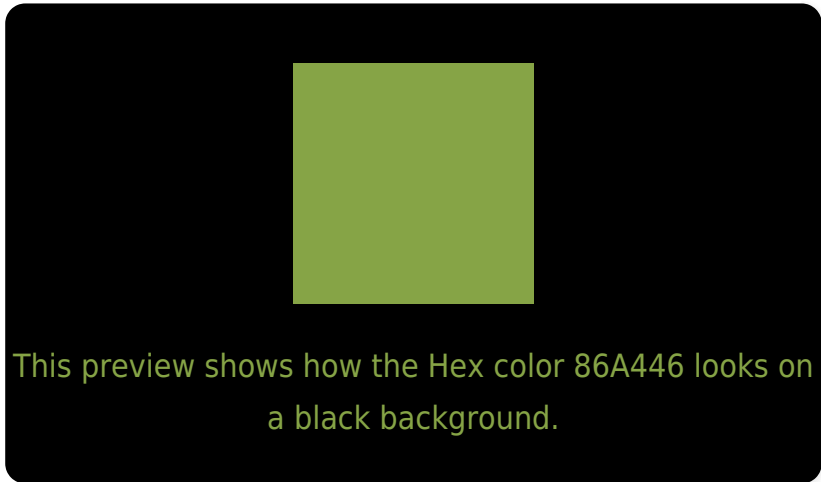
Large Text (above 18pt) WCAG AA × Fail

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 86A446 Background



This preview shows how black text looks on a background with the Hex color 86A446.

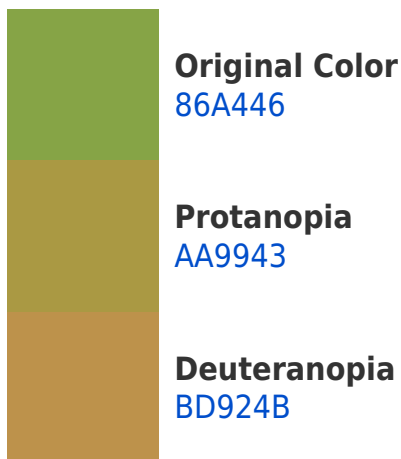


This preview shows how white text looks on a background with the Hex color 86A446.

# 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](#).

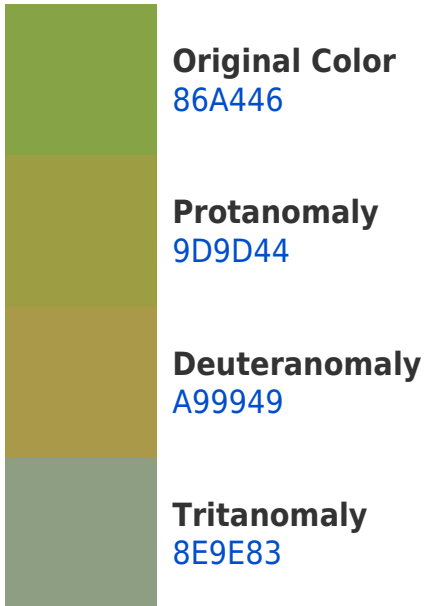
## Dichromacy



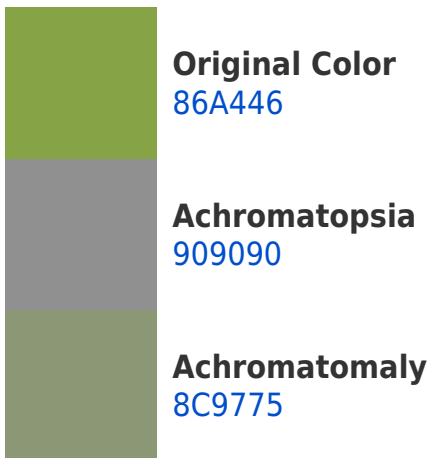


**Tritanopia**  
929AA6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 86A446 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 #86A446 looks like.

```
.text, #text, p{  
    color:#86A446  
}
```

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 #86A446 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86A446
}
```

## Border

The CSS property to change the border of an element to Hex 86A446 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
#86A446 }
```

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

```
.border{ border-color:#86A446 }
```

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

Here you see how a box with a 4 pixel #86A446 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86A446; -webkit-box-shadow:4px 4px  
4px 4px #86A446; box-shadow:4px 4px 4px  
4px #86A446 }
```

# Background

The CSS property to change the background color of an element to Hex 86A446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86A446 }
```

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

```
.background{ background-color:#86A446 }
```

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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