

# Converting Colors

Hex(86A626)

Have a look what the booklet for  
Hex(86A626) contains.

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**Color**

**Hex(86A626)**

# Conversions

## Conversions Part 1

Format	Color
Hex	86A626
RGB	134, 166, 38
RGB Percent	53%, 65%, 15%
CMY	0.4745, 0.3490, 0.8510
CMYK	0.19, 0.00, 0.77, 0.35
HSL	75°, 63%, 40%
HSV	75°, 77%, 65%
XYZ	23.8176, 32.4807, 6.8478
YIQ	141.8400, 22.0160, -46.5920

# Conversions

## Conversions Part 2

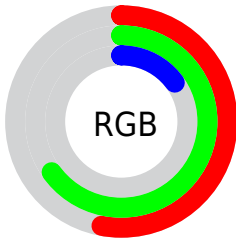
<b>Format</b>	<b>Color</b>
<b>RYB</b>	38, 166, 70
Decimal	8824358
CIELab	63.74, -28.47, 57.94
CIELCh	64, 64.562, 116.168
Yxy	32.4807, 0.3772, 0.5144
Android (android.graphics.Color)	4287014438 (0xFF86A626)
YUV	141.8400, -51.1931, -6.8757
Hunter-Lab	56.9918, -25.1384, 32.7704

# Details

The Hex color **86A626** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **4626A6**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **BEDD5E**, and **507200** is the 20% darker color. If you saturate the color by 10%, you get **82A615**, and if you desaturate by 10%, it is **8AA637**.

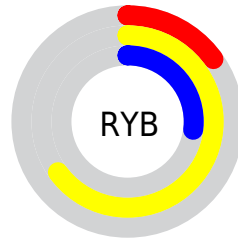
# Distribution



Red (53%)

Green (65%)

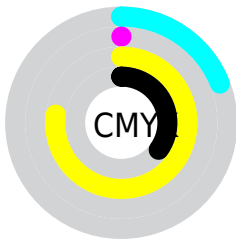
Blue (15%)



Red (15%)

Yellow (65%)

Blue (27%)

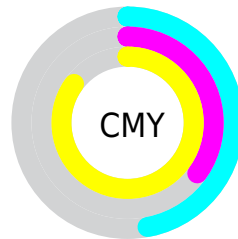


Cyan (19%)

Magenta (0%)

Yellow (77%)

Black (35%)



Cyan (47%)

Magenta (35%)

Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 86A626 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 86A626 by changing the saturation by 10% instead.



 86A626

 86A626

FFFFFF

 6B8C00

 BEDD5E

 507200

 DBFA79

 365900

 F9FF94

 194200

 FFFFB0

 002B00

 FFFFCC

 001600

 FFFFEE

 000000

 86A626

 86A626

 82A615

 8AA637

 7EA605

 8EA647

 7CA600

 92A658

 97A668

 9BA679

 9FA68A

 A3A69A

 A7A6AB

 ABA6BB

# Harmonies

## Analogous

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



BE9515



86A626



31B057

# Triad

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



86A626



00B0F9



FD63A4

# Complementary

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



86A626



4626A6

# 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.



D975DB



86A626



00A3FF

# Square

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



86A626



00B5CC



8D8EFF



FF686B

# Rectangle

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



86A626



00B47D



8D8EFF



F567B8



# Sweetspot

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



86A626



CCD9A7



A64626



666E4F



EDEDED



6E6E6E



# Same Dimension

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



86A626



A6D90F



46A626



52544C



6F9400



0F1400



# Inverse Universe

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



4626A6



420FD9



8626A6



4E4C54



250094



050014



# Previews

## White Background



This preview shows how the Hex color 86A626 looks on a white background.

## Color Contrast Check

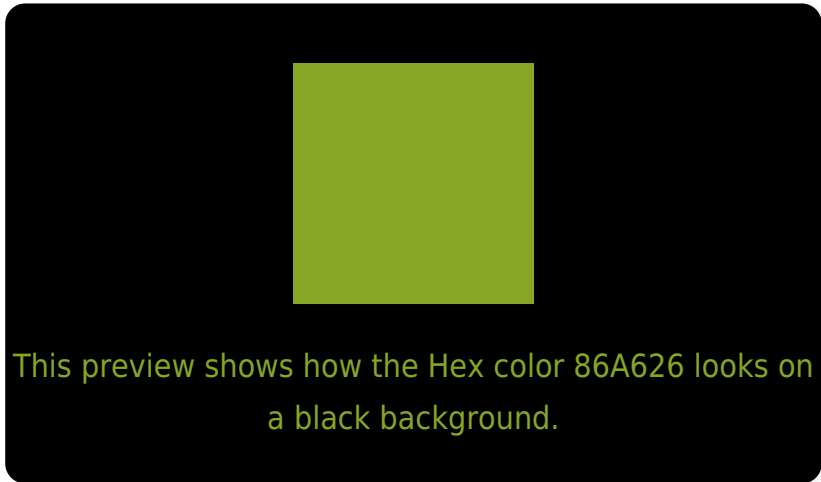
Large Text (above 18pt) WCAG AA × Fail

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 86A626 Background



This preview shows how black text looks on a background with the Hex color 86A626.



This preview shows how white text looks on a background with the Hex color 86A626.

# 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**  
86A626

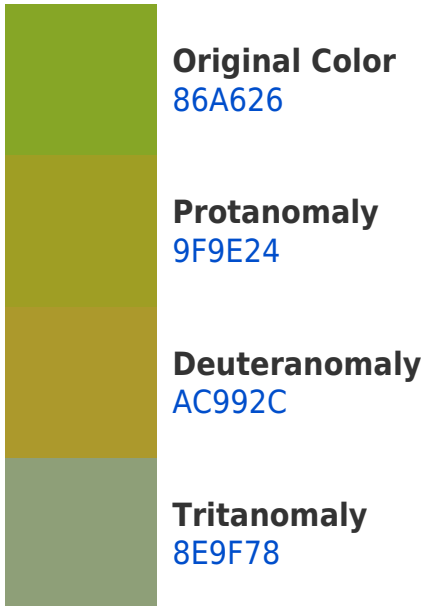
**Protanopia**  
AD9A23

**Deuteranopia**  
C1922F

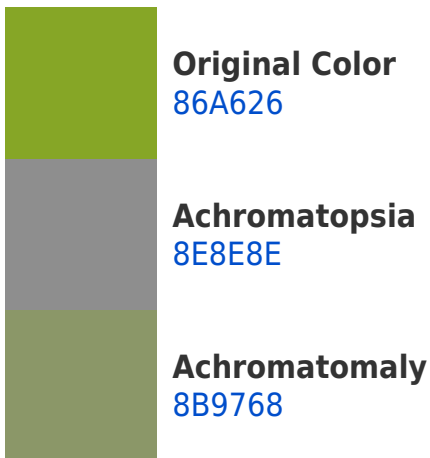


**Tritanopia**  
939BA7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 86A626 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 #86A626 looks like.

```
.text, #text, p{  
    color:#86A626  
}
```

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 #86A626 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86A626
}
```

## Border

The CSS property to change the border of an element to Hex 86A626 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
#86A626 }
```

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

```
.border{ border-color:#86A626 }
```

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

Here you see how a box with a 4 pixel #86A626 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86A626; -webkit-box-shadow:4px 4px  
4px 4px #86A626; box-shadow:4px 4px 4px  
4px #86A626 }
```

# Background

The CSS property to change the background color of an element to Hex 86A626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86A626 }
```

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

```
.background{ background-color:#86A626 }
```

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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