

# Converting Colors

Hex(86134A)

Have a look what the booklet for  
Hex(86134A) contains.

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# Color

**Hex(86134A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	86134A
RGB	134, 19, 74
RGB Percent	53%, 7%, 29%
CMY	0.4745, 0.9255, 0.7098
CMYK	0.00, 0.86, 0.45, 0.47
HSL	331°, 75%, 30%
HSV	331°, 86%, 53%
XYZ	11.3004, 6.0285, 7.0466
YIQ	59.6550, 50.8850, 41.4850

# Conversions

## Conversions Part 2

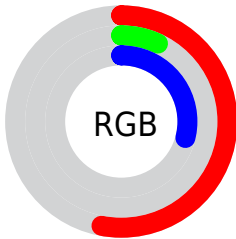
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	134, 19, 74
Decimal	8786762
CIE Lab	29.48, 49.81, -1.88
CIE LCh	29, 49.843, 357.842
Yxy	6.0285, 0.4636, 0.2473
Android (android.graphics.Color)	4286976842 (0xFF86134A)
YUV	59.6550, 7.0721, 65.2006
Hunter-Lab	24.5530, 39.1862, 0.1712

# Details

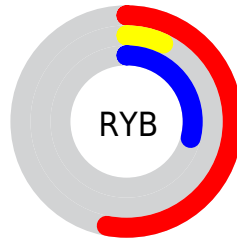
The Hex color **86134A** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **13864F**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **BF4E7B**, and **4F001F** is the 20% darker color. If you saturate the color by 10%, you get **860643**, and if you desaturate by 10%, it is **862051**.

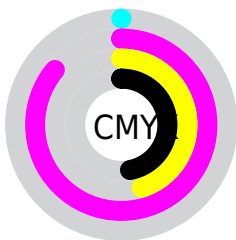
# Distribution



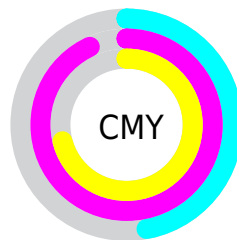
- Red (53%)
- Green (7%)
- Blue (29%)



- Red (53%)
- Yellow (7%)
- Blue (29%)



- Cyan (0%)
- Magenta (86%)
- Yellow (45%)
- Black (47%)



- Cyan (47%)
- Magenta (93%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 86134A 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 86134A by changing the saturation by 10% instead.



 86134A

 86134A

FFFFFF

 6A0034

 BF4E7B

 4F001F

 DD6994

 370005

 FB84AF

 0C0000

 FF9FCA

 000000

 FFBBE6

 FFD8FF

 FFF5FF

 86134A

 86134A

■ 860643

■ 862051

■ 860040

■ 862E58

■ 863B5F

■ 864966

■ 86566D

■ 866374

■ 86717B

■ 867E82

■ 868C89

# Harmonies

## Analogous

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



70276F



86134A



861D24

# Triad

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



86134A



324E00



005387

# Complementary

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



86134A



13864F

# 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.



005669



86134A



005318

# Square

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



86134A



584300



005641



004B94

# Rectangle

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



86134A



7C2B0A



005641



00557F



# Sweetspot

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



86134A



AD8096



4E1386



573C49



D6D6D6



575757



# Same Dimension

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



86134A



AD0053



861513



423C3F



82003E



030001



# Inverse Universe

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



86134A



AD0053



138486



423C3F



82003E

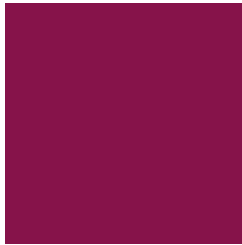


030001



# Previews

## White Background



This preview shows how the Hex color 86134A looks on a white background.

## Color Contrast Check

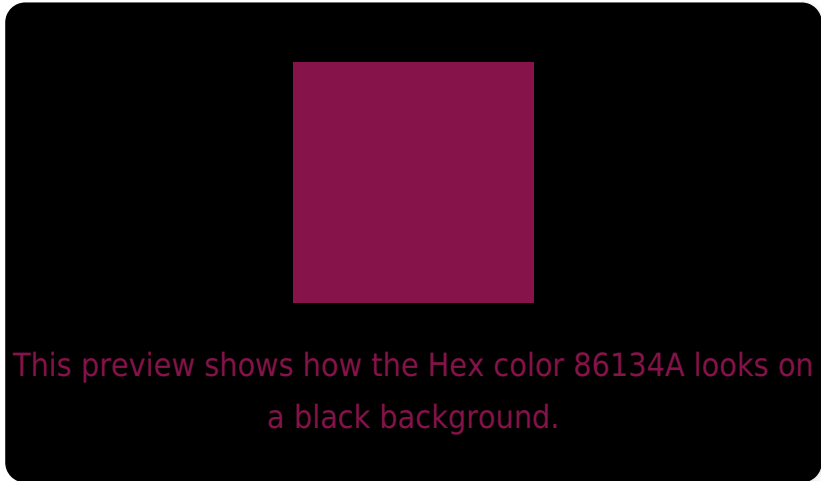
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 86134A Background



This preview shows how black text looks on a background with the Hex color 86134A.



This preview shows how white text looks on a background with the Hex color 86134A.

# 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**  
86134A

**Protanopia**  
3D4668

**Deuteranopia**  
4F4545



**Tritanopia**  
842122

# Trichromacy



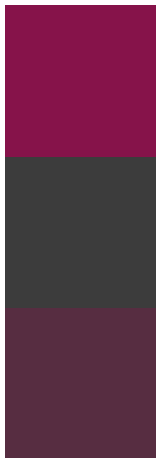
**Original Color**  
86134A

**Protanomaly**  
58335D

**Deuteranomaly**  
633347

**Tritanomaly**  
851C31

# Monochromacy



**Original Color**  
86134A

**Achromatopsia**  
3C3C3C

**Achromatomaly**  
572D41

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 86134A 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 #86134A looks like.

```
.text, #text, p{  
    color:#86134A  
}
```

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 #86134A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86134A
}
```

## Border

The CSS property to change the border of an element to Hex 86134A is called "border". The border property can be set on classes, ids or directly on the HTML element.

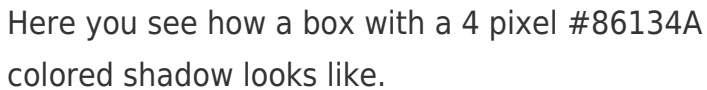
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#86134A }
```

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

```
.border{ border-color:#86134A }
```

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



Here you see how a box with a 4 pixel #86134A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86134A; -webkit-box-shadow:4px 4px  
4px 4px #86134A; box-shadow:4px 4px 4px  
4px #86134A }
```

# Background

The CSS property to change the background color of an element to Hex 86134A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86134A }
```

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

```
.background{ background-color:#86134A }
```

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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