

# Converting Colors

Hex(86135C)

Have a look what the booklet for  
Hex(86135C) contains.

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**Color**

**Hex(86135C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	86135C
RGB	134, 19, 92
RGB Percent	53%, 7%, 36%
CMY	0.4745, 0.9255, 0.6392
CMYK	0.00, 0.86, 0.31, 0.47
HSL	322°, 75%, 30%
HSV	322°, 86%, 53%
XYZ	11.9962, 6.3068, 10.7103
YIQ	61.7070, 45.1070, 47.0830

# Conversions

## Conversions Part 2

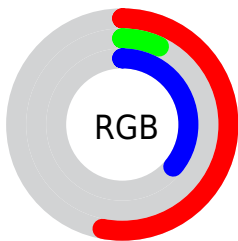
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	134, 19, 92
Decimal	8786780
CIE <sub>Lab</sub>	30.17, 51.78, -12.71
CIE <sub>LCh</sub>	30, 53.320, 346.206
Yxy	6.3068, 0.4135, 0.2174
Android (android.graphics.Color)	4286976860 (0xFF86135C)
YUV	61.7070, 14.9344, 63.4010
Hunter-Lab	25.1133, 41.3178, -7.7066

# Details

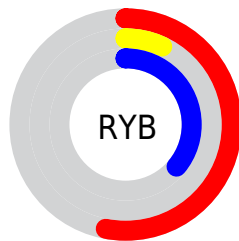
The Hex color **86135C** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **13863D**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **BF4F8E**, and **4F002E** is the 20% darker color. If you saturate the color by 10%, you get **860657**, and if you desaturate by 10%, it is **862061**.

# Distribution



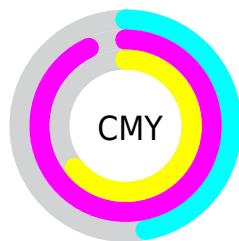
- Red (53%)
- Green (7%)
- Blue (36%)



- Red (53%)
- Yellow (7%)
- Blue (36%)



- Cyan (0%)
- Magenta (86%)
- Yellow (31%)
- Black (47%)



- Cyan (47%)
- Magenta (93%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 86135C 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 86135C by changing the saturation by 10% instead.



 86135C

 86135C

FFFFFF

 6A0044

 BF4F8E

 4F002E

 DC6AA9

 38001A

 FA85C4

 150000

 FFA1E0

 000000

 FFBDFF

 FFD9FF

 FFF7FF

 86135C

 86135C

860657

862061

860055

862E66

863B6B

864970

865674

866379

86717E

867E83

868C88

# Harmonies

## Analogous

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



632F81



86135C



8E0E33

# Triad

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



86135C



434C00



005783

# Complementary

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



86135C



13863D

# 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.



00595D



86135C



005400

# Square

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



86135C



673E00



005832



005298

# Rectangle

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



86135C



882018



005832



005877



# Sweetspot

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



86135C



AD809D



3B1386



573C4D



D6D6D6



575757



# Same Dimension

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



86135C



AD006E



861324



423C40



820053



030002



# Inverse Universe

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



86135C



AD006E



138675



423C40



820053

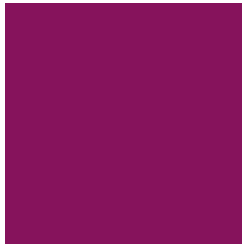


030002



# Previews

## White Background



This preview shows how the Hex color 86135C looks on a white background.

## Color Contrast Check

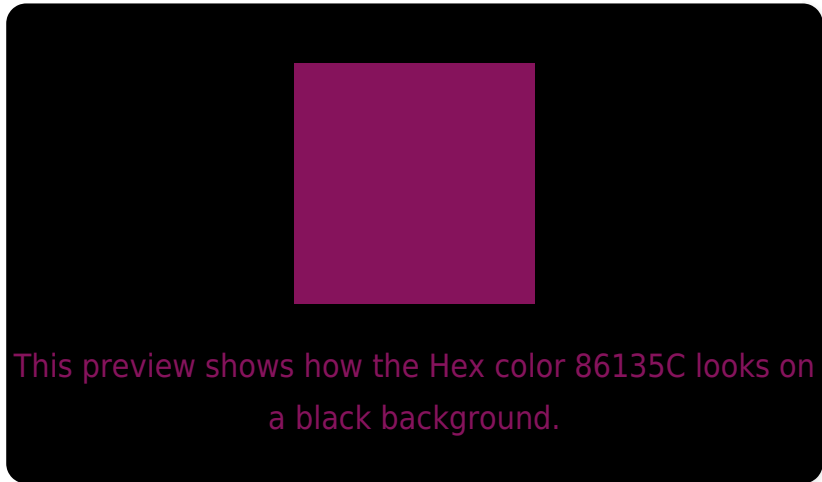
Large Text (above 18pt) WCAG AA ✓ Pass

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 86135C Background



This preview shows how black text looks on a background with the Hex color 86135C.



This preview shows how white text looks on a background with the Hex color 86135C.

# 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**  
822829

# Trichromacy



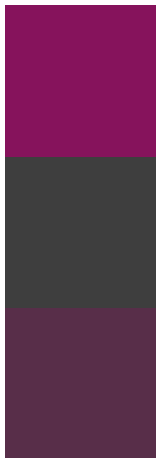
**Original Color**  
86135C

**Protanomaly**  
4F3473

**Deuteranomaly**  
603458

**Tritanomaly**  
83203C

# Monochromacy



**Original Color**  
86135C

**Achromatopsia**  
3E3E3E

**Achromatomaly**  
582E49

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 86135C 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 #86135C looks like.

```
.text, #text, p{  
    color:#86135C  
}
```

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 #86135C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86135C
}
```

## Border

The CSS property to change the border of an element to Hex 86135C is called "border". The border property can be set on classes, ids or directly on the HTML element.

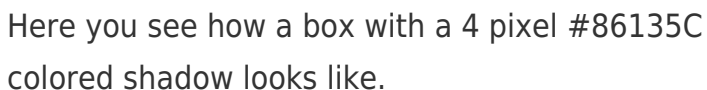
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#86135C }
```

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

```
.border{ border-color:#86135C }
```

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



Here you see how a box with a 4 pixel #86135C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86135C; -webkit-box-shadow:4px 4px  
4px 4px #86135C; box-shadow:4px 4px 4px  
4px #86135C }
```

# Background

The CSS property to change the background color of an element to Hex 86135C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86135C }
```

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

```
.background{ background-color:#86135C }
```

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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