

# Converting Colors

Hex(87135C)

Have a look what the booklet for  
Hex(87135C) contains.

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**Color**

**Hex(87135C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	87135C
RGB	135, 19, 92
RGB Percent	53%, 7%, 36%
CMY	0.4706, 0.9255, 0.6392
CMYK	0.00, 0.86, 0.32, 0.47
HSL	322°, 75%, 30%
HSV	322°, 86%, 53%
XYZ	12.1563, 6.3893, 10.7178
YIQ	62.0060, 45.7030, 47.2950

# Conversions

## Conversions Part 2

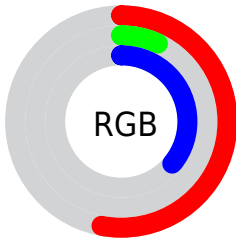
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	135, 19, 92
Decimal	8852316
CIE <sub>Lab</sub>	30.37, 52.03, -12.39
CIE <sub>LCh</sub>	30, 53.483, 346.606
Yxy	6.3893, 0.4154, 0.2183
Android (android.graphics.Color)	4287042396 (0xFF87135C)
YUV	62.0060, 14.7870, 64.0157
Hunter-Lab	25.2772, 41.6093, -7.4456

# Details

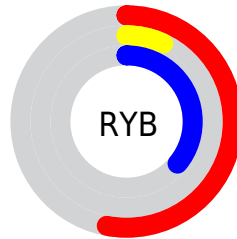
The Hex color **87135C** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **13873E**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **C04F8E**, and **50002E** is the 20% darker color. If you saturate the color by 10%, you get **870657**, and if you desaturate by 10%, it is **872161**.

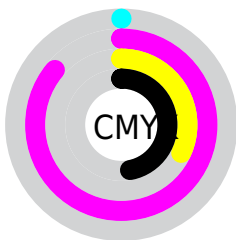
# Distribution



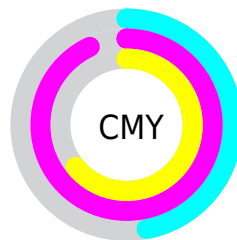
- Red (53%)
- Green (7%)
- Blue (36%)



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



- Cyan (0%)
- Magenta (86%)
- Yellow (32%)
- Black (47%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 87135C 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 87135C by changing the saturation by 10% instead.



 87135C

 87135C

FFFFFF

 6B0044

 C04F8E

 50002E

 DD6AA9

 39001A

 FB85C4

 170000

 FFA1E0

 000000

 FFBDFD

 FFDAFF

 FFF7FF

 87135C

 87135C

870657

872161

870055

872E66

873C6B

874970

875775

87647A

87727F

877F84

878D89

# Harmonies

## Analogous

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



652F81



87135C



8F0F33

# Triad

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



87135C



434D00



005884

# Complementary

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



87135C



13873E

# 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.



00595E



87135C



005401

# Square

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



87135C



683F00



005833



005299

# Rectangle

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



87135C



882118



005833



005979



# Sweetspot

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



87135C



B0829F



3E1387



593E4F



D9D9D9



595959



# Same Dimension

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



87135C



B0006F



871322



423C40



820052



030002



# Inverse Universe

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



87135C



B0006F



138778



423C40



820052

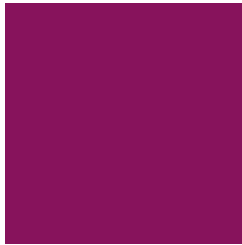


030002



# Previews

## White Background



This preview shows how the Hex color 87135C looks on a white background.

## Color Contrast Check

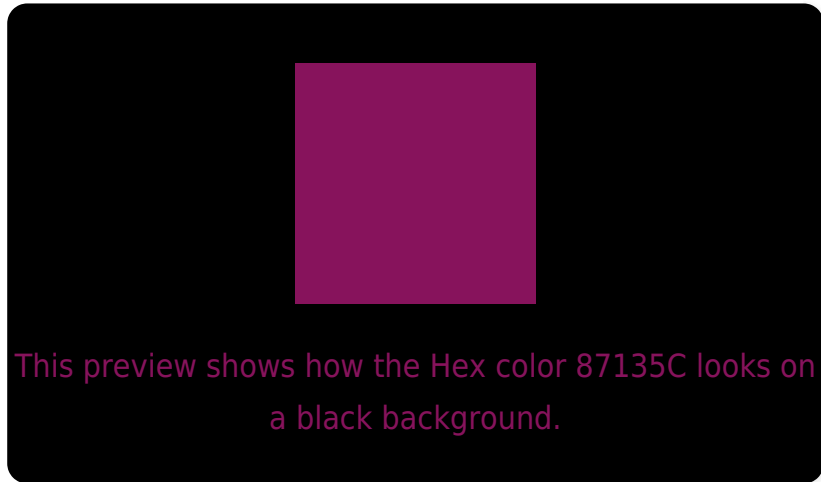
Large Text (above 18pt) WCAG AA ✓ Pass

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

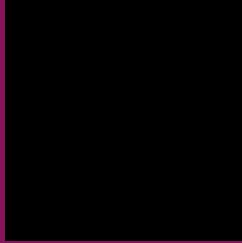
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 87135C Background



This preview shows how black text looks on a background with the Hex color 87135C.



This preview shows how white text looks on a background with the Hex color 87135C.

# 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**  
832829

# Trichromacy



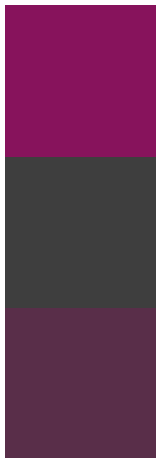
**Original Color**  
87135C

**Protanomaly**  
503573

**Deuteranomaly**  
603558

**Tritanomaly**  
84203C

# Monochromacy



**Original Color**  
87135C

**Achromatopsia**  
3E3E3E

**Achromatomaly**  
592E49

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 87135C 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 #87135C looks like.

```
.text, #text, p{  
    color:#87135C  
}
```

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 #87135C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87135C
}
```

## Border

The CSS property to change the border of an element to Hex 87135C is called "border". The border property can be set on classes, ids or directly on the HTML element.

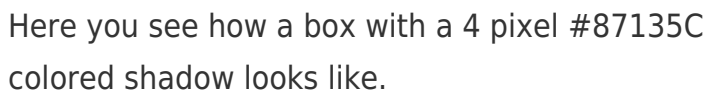
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#87135C }
```

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

```
.border{ border-color:#87135C }
```

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



Here you see how a box with a 4 pixel #87135C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87135C; -webkit-box-shadow:4px 4px  
4px 4px #87135C; box-shadow:4px 4px 4px  
4px #87135C }
```

# Background

The CSS property to change the background color of an element to Hex 87135C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87135C }
```

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

```
.background{ background-color:#87135C }
```

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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