

Converting Colors

Hex(89305A)

Have a look what the booklet for
Hex(89305A) contains.

Hex(89305A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(89305A)

Conversions

Conversions Part 1

Format	Color
Hex	89305A
RGB	137, 48, 90
RGB Percent	54%, 19%, 35%
CMY	0.4627, 0.8118, 0.6471
CMYK	0.00, 0.65, 0.34, 0.46
HSL	332°, 48%, 36%
HSV	332°, 65%, 54%
XYZ	13.2189, 8.1705, 10.5532
YIQ	79.3990, 39.5620, 31.9300

Conversions

Conversions Part 2

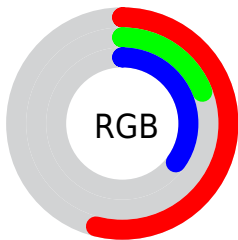
Format	Color
R _Y B	137, 48, 90
Decimal	8990810
CIE Lab	34.34, 42.09, -5.08
CIE LCh	34, 42.397, 353.112
Yxy	8.1705, 0.4138, 0.2558
Android (android.graphics.Color)	4287180890 (0xFF89305A)
YUV	79.3990, 5.2263, 50.5161
Hunter-Lab	28.5840, 32.5270, -1.8810

Details

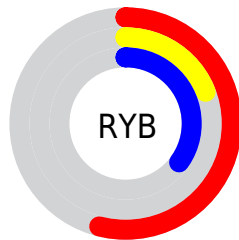
The Hex color **89305A** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **30895F**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **C1648C**, and **53002D** is the 20% darker color. If you saturate the color by 10%, you get **892253**, and if you desaturate by 10%, it is **893E61**.

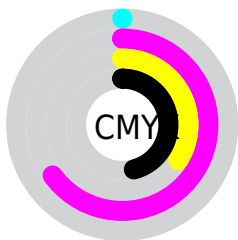
Distribution



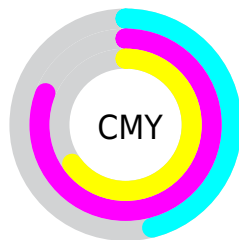
- Red (54%)
- Green (19%)
- Blue (35%)



- Red (54%)
- Yellow (19%)
- Blue (35%)



- Cyan (0%)
- Magenta (65%)
- Yellow (34%)
- Black (46%)



- Cyan (46%)
- Magenta (81%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 89305A 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 89305A by changing the saturation by 10% instead.

 89305A

 89305A

FFFFFF

 6E1443

 C1648C

 53002D

 DE7EA6

 3A0018

 FC99C1

 1F0001

 FFB4DD

 000000

 FFD1FA

 FFEDFF

 89305A

 89305A

 892253

 893E61

■ 89154C

■ 894B68

■ 890744

■ 895970

■ 890041

■ 896777

■ 89757E

■ 898285

■ 89908D

■ 899E94

■ 89AB9B

Harmonies

Analogous

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



723C7A



89305A



8C3238

Triad

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



89305A



485708



005E86

Complementary

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



89305A



30895F

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.



00606A



89305A



195D26

Square

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



89305A



684C03



006048



005794

Rectangle

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



89305A



863A24



006048



005F7E

Sweetspot

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



89305A



B391A1



5E3089



59454E



D9D9D9



595959

Same Dimension

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



89305A



B32769



893130



453E41



85003F



050002

Inverse Universe

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



89305A



B32769



308889



453E41



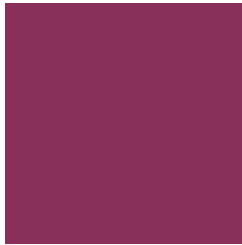
85003F



050002

Previews

White Background



This preview shows how the Hex color 89305A looks on a white background.

Color Contrast Check

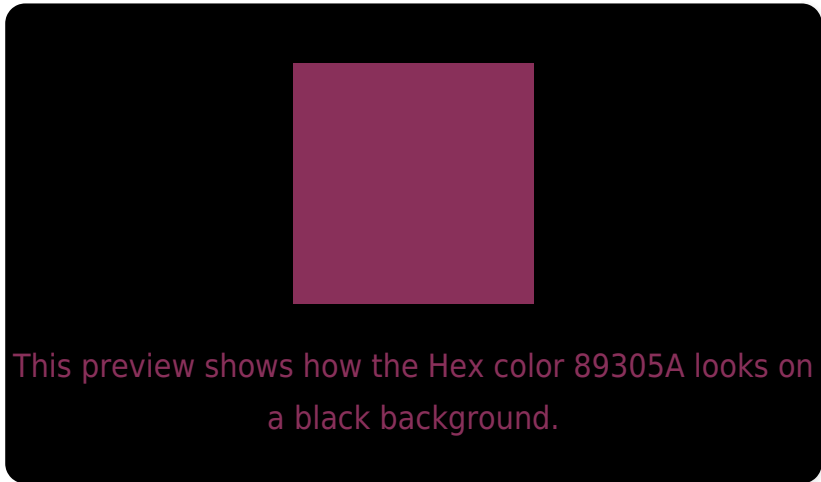
Large Text (above 18pt) WCAG AA ✓ Pass

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

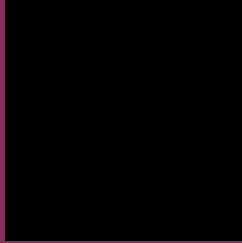
Any Text WCAG AA × Fail

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 89305A Background



This preview shows how black text looks on a background with the Hex color 89305A.



This preview shows how white text looks on a background with the Hex color 89305A.

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
87373B

Trichromacy



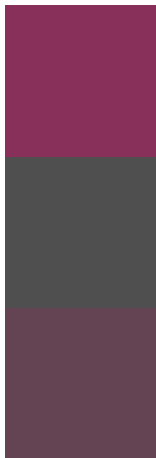
Original Color
89305A

Protanomaly
604568

Deuteranomaly
6A4457

Tritanomaly
883446

Monochromacy



Original Color
89305A

Achromatopsia
4F4F4F

Achromatomaly
644453

CSS Examples

Text

The CSS property to change the color of the text to Hex 89305A 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 #89305A looks like.

```
.text, #text, p{  
    color:#89305A  
}
```

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 #89305A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89305A
}
```

Border

The CSS property to change the border of an element to Hex 89305A is called "border". The border property can be set on classes, ids or directly on the HTML element.

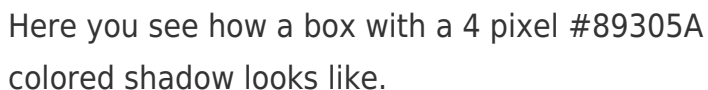
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#89305A }
```

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

```
.border{ border-color:#89305A }
```

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



Here you see how a box with a 4 pixel #89305A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89305A; -webkit-box-shadow:4px 4px  
4px 4px #89305A; box-shadow:4px 4px 4px  
4px #89305A }
```

Background

The CSS property to change the background color of an element to Hex 89305A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89305A }
```

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

```
.background{ background-color:#89305A }
```

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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