

Converting Colors

Hex(89335F)

Have a look what the booklet for
Hex(89335F) contains.

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Color

Hex(89335F)

Conversions

Conversions Part 1

Format	Color
Hex	89335F
RGB	137, 51, 95
RGB Percent	54%, 20%, 37%
CMY	0.4627, 0.8000, 0.6275
CMYK	0.00, 0.63, 0.31, 0.46
HSL	329°, 46%, 37%
HSV	329°, 63%, 54%
XYZ	13.5659, 8.5122, 11.7545
YIQ	81.7300, 37.1320, 31.9160

Conversions

Conversions Part 2

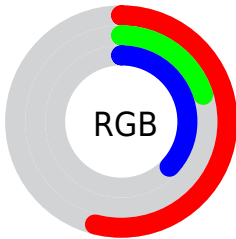
Format	Color
R_{YB}	137, 51, 95
Decimal	8991583
CIE _{Lab}	35.03, 41.35, -7.25
CIE _{LCh}	35, 41.985, 350.053
Yxy	8.5122, 0.4010, 0.2516
Android (android.graphics.Color)	4287181663 (0xFF89335F)
YUV	81.7300, 6.5421, 48.4718
Hunter-Lab	29.1757, 31.9400, -3.4641

Details

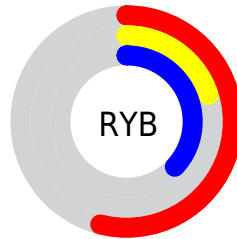
The Hex color **89335F** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **33895D**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **C16691**, and **540031** is the 20% darker color. If you saturate the color by 10%, you get **892558**, and if you desaturate by 10%, it is **894166**.

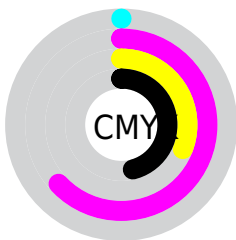
Distribution



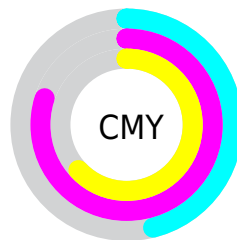
- Red (54%)
- Green (20%)
- Blue (37%)



- Red (54%)
- Yellow (20%)
- Blue (37%)



- Cyan (0%)
- Magenta (63%)
- Yellow (31%)
- Black (46%)



- Cyan (46%)
- Magenta (80%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 89335F 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 89335F by changing the saturation by 10% instead.

 89335F

 89335F

FFFFFF

 6E1847

 C16691

 540031

 DE81AC

 3A001C

 FB9CC7

 220001

 FFB7E3

 000000

 FFD3FF

 FFF0FF

 89335F

 89335F

 892558

 894166

 891852

 894E6C

 890A4B

 895C73

 890046

 896A7A

 897880

 898587

 89938E

 89A195

 89AE9B

Harmonies

Analogous

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



703F7E



89335F



8E333D

Triad

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



89335F



4E5709



006085

Complementary

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



89335F



33895D

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.



006268



89335F



235E25

Square

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



89335F



6C4D07



006146



005994

Rectangle

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



89335F



893A29



006146



00617D

Sweetspot

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



89335F



B391A2



5D3389



59454F



D9D9D9



595959

Same Dimension

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



89335F



B32D71



893334



453E41



850044



050003

Inverse Universe

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



89335F



B32D71



338988



453E41



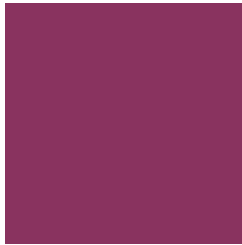
850044



050003

Previews

White Background



This preview shows how the Hex color 89335F looks on a white background.

Color Contrast Check

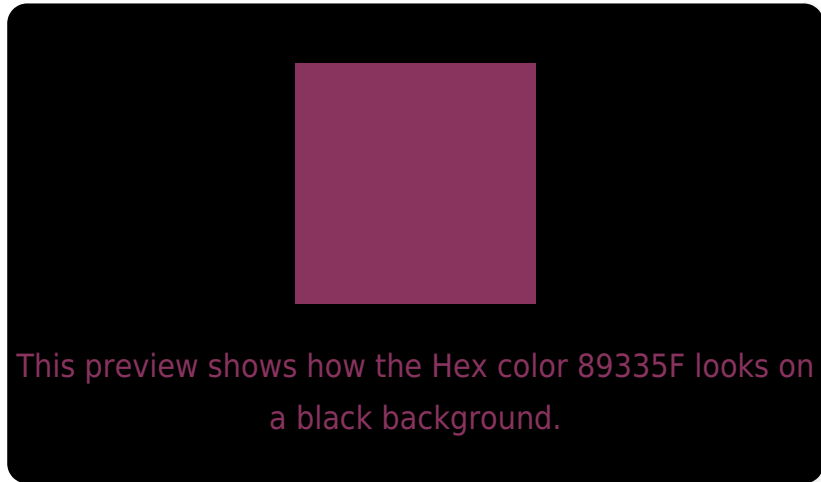
Large Text (above 18pt) WCAG AA ✓ Pass

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 89335F Background



This preview shows how black text looks on a background with the Hex color 89335F.



This preview shows how white text looks on a background with the Hex color 89335F.

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
863B3E

Trichromacy



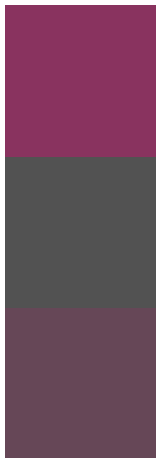
Original Color
89335F

Protanomaly
60476C

Deuteranomaly
6A465C

Tritanomaly
87384A

Monochromacy



Original Color
89335F

Achromatopsia
525252

Achromatomaly
664757

CSS Examples

Text

The CSS property to change the color of the text to Hex 89335F 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 #89335F looks like.

```
.text, #text, p{  
    color:#89335F  
}
```

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 #89335F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89335F
}
```

Border

The CSS property to change the border of an element to Hex 89335F is called "border". The border property can be set on classes, ids or directly on the HTML element.

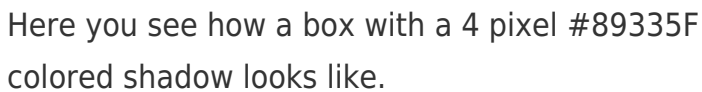
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#89335F }
```

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

```
.border{ border-color:#89335F }
```

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



Here you see how a box with a 4 pixel #89335F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89335F; -webkit-box-shadow:4px 4px  
4px 4px #89335F; box-shadow:4px 4px 4px  
4px #89335F }
```

Background

The CSS property to change the background color of an element to Hex 89335F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89335F }
```

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

```
.background{ background-color:#89335F }
```

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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