

Converting Colors

Hex(89105F)

Have a look what the booklet for
Hex(89105F) contains.

Hex(89105F)	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(89105F)

Conversions

Conversions Part 1

Format	Color
Hex	89105F
RGB	137, 16, 95
RGB Percent	54%, 6%, 37%
CMY	0.4627, 0.9373, 0.6275
CMYK	0.00, 0.88, 0.31, 0.46
HSL	321°, 79%, 30%
HSV	321°, 88%, 54%
XYZ	12.5674, 6.5152, 11.4217
YIQ	61.1850, 46.7570, 50.2210

Conversions

Conversions Part 2

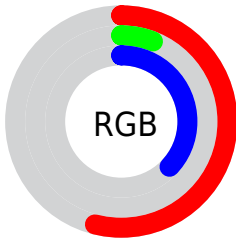
Format	Color
R_{YB}	137, 16, 95
Decimal	8982623
CIE _{Lab}	30.68, 53.53, -13.85
CIE _{LCh}	31, 55.294, 345.498
Yxy	6.5152, 0.4120, 0.2136
Android (android.graphics.Color)	4287172703 (0xFF89105F)
YUV	61.1850, 16.6708, 66.4898
Hunter-Lab	25.5248, 43.2176, -8.6632

Details

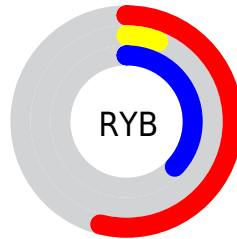
The Hex color **89105F** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **10893A**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **C24E92**, and **520031** is the 20% darker color. If you saturate the color by 10%, you get **89025A**, and if you desaturate by 10%, it is **891E64**.

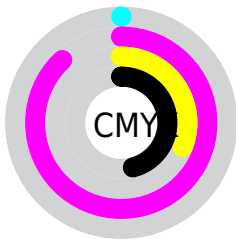
Distribution



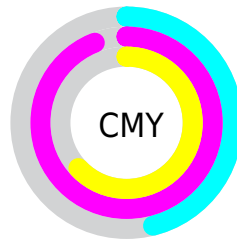
- Red (54%)
- Green (6%)
- Blue (37%)



- Red (54%)
- Yellow (6%)
- Blue (37%)



- Cyan (0%)
- Magenta (88%)
- Yellow (31%)
- Black (46%)



- Cyan (46%)
- Magenta (94%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 89105F 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 89105F by changing the saturation by 10% instead.

 89105F

 89105F

FFFFFF

 6D0047

 C24E92

 520031

 DF69AC

 3A001C

 FD85C7

 1A0001

 FFA0E4

 000000

 FFBDF7

 FFD9FF

 FFF7FF

 89105F

 89105F

■ 89025A

■ 891E64

■ 890059

■ 892B69

■ 89396D

■ 894772

■ 895477

■ 89627C

■ 897080

■ 897E85

■ 898B8A

Harmonies

Analogous

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



643086



89105F



920834

Triad

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



89105F



454D00



005986

Complementary

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



89105F



10893A

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.



005A5E



89105F



005500

Square

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



89105F



6A3F00



005931



00539D

Rectangle

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



89105F



8B1E18



005931



005A7A

Sweetspot

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



89105F



B384A2



381089



593E50



D9D9D9



595959

Same Dimension

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



89105F



B30075



891024



453E42



850057



050003

Inverse Universe

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



89105F



B30075



108975



453E42



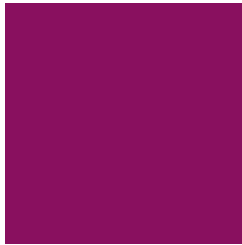
850057



050003

Previews

White Background



This preview shows how the Hex color 89105F looks on a white background.

Color Contrast Check

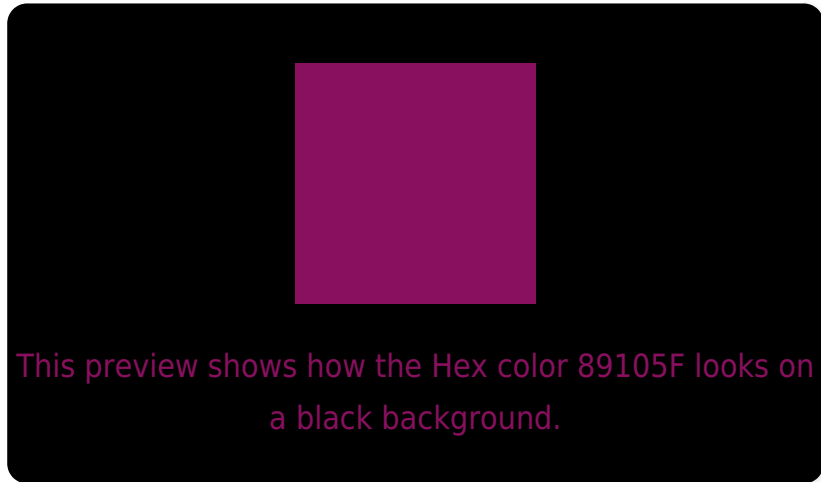
Large Text (above 18pt) WCAG AA ✓ Pass

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 89105F Background



This preview shows how black text looks on a background with the Hex color 89105F.

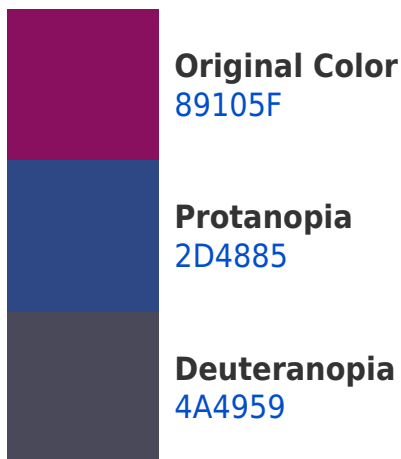



This preview shows how white text looks on a background with the Hex color 89105F.

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
85282A

Trichromacy



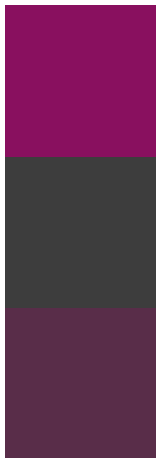
Original Color
89105F

Protanomaly
4E3477

Deuteranomaly
61345B

Tritanomaly
861F3D

Monochromacy



Original Color
89105F

Achromatopsia
3D3D3D

Achromatomaly
592D49

CSS Examples

Text

The CSS property to change the color of the text to Hex 89105F 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 #89105F looks like.

```
.text, #text, p{  
    color:#89105F  
}
```

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 #89105F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89105F
}
```

Border

The CSS property to change the border of an element to Hex 89105F is called "border". The border property can be set on classes, ids or directly on the HTML element.

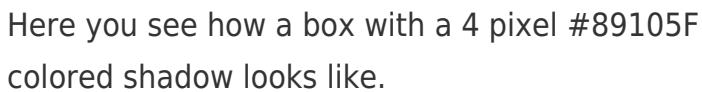
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#89105F }
```

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

```
.border{ border-color:#89105F }
```

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



Here you see how a box with a 4 pixel #89105F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89105F; -webkit-box-shadow:4px 4px  
4px 4px #89105F; box-shadow:4px 4px 4px  
4px #89105F }
```

Background

The CSS property to change the background color of an element to Hex 89105F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89105F }
```

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

```
.background{ background-color:#89105F }
```

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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