

Converting Colors

Hex(895691)

Have a look what the booklet for
Hex(895691) contains.

Hex(895691)	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(895691)

Conversions

Conversions Part 1

Format	Color
Hex	895691
RGB	137, 86, 145
RGB Percent	54%, 34%, 57%
CMY	0.4627, 0.6627, 0.4314
CMYK	0.06, 0.41, 0.00, 0.43
HSL	292°, 26%, 45%
HSV	292°, 41%, 57%
XYZ	18.7552, 14.0183, 28.5054
YIQ	107.9750, 11.4570, 29.1610

Conversions

Conversions Part 2

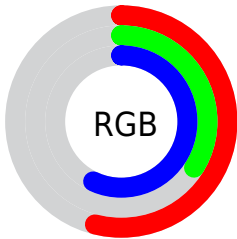
Format	Color
R_{YB}	137, 86, 145
Decimal	9000593
CIE _{Lab}	44.26, 31.35, -24.05
CIE _{LCh}	44, 39.515, 322.512
Yxy	14.0183, 0.3061, 0.2288
Android (android.graphics.Color)	4287190673 (0xFF895691)
YUV	107.9750, 18.2533, 25.4549
Hunter-Lab	37.4410, 23.8935, -18.9312

Details

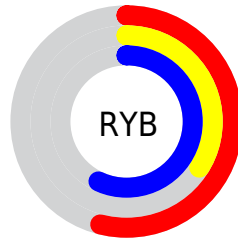
The Hex color **895691** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **5E9156**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **BF89C7**, and **56265E** is the 20% darker color. If you saturate the color by 10%, you get **874891**, and if you desaturate by 10%, it is **8B6591**.

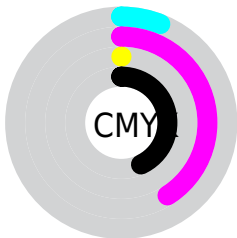
Distribution



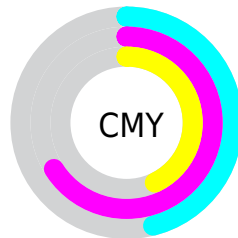
- Red (54%)
- Green (34%)
- Blue (57%)



- Red (54%)
- Yellow (34%)
- Blue (57%)



- Cyan (6%)
- Magenta (41%)
- Yellow (0%)
- Black (43%)



- Cyan (46%)
- Magenta (66%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 895691 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 895691 by changing the saturation by 10% instead.

895691

895691

FFFFFF

6F3E77

BF89C7

56265E

DCA4E3

3D0F46

F9BFFF

270030

FFDBFF

01001A

FFF8FF

000000

895691

895691

874891

8B6591

853991

8D7391

832B91

8F8291

811C91

919091

7F0E91

939F91

7D0091

95AD91

97BB91

99CA91

9BD991

Harmonies

Analogous

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



5D63A5



895691



A14D72

Triad

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



895691



826425



007981

Complementary

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



895691



5E9156

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.



00785F



895691



636E28

Square

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



895691



9A5835



3B753F



00769C

Rectangle

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



895691



A64C5C



3B753F



007976

Sweetspot

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



895691



BAA6BD



565F91



5D515E



DEDEDE



5E5E5E

Same Dimension

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



895691



B060BD



91567C



464047



750087



070008

Inverse Universe

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



91565E



BD606D



56916B



474041



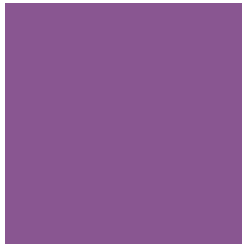
870012



080001

Previews

White Background



This preview shows how the Hex color 895691 looks on a white background.

Color Contrast Check

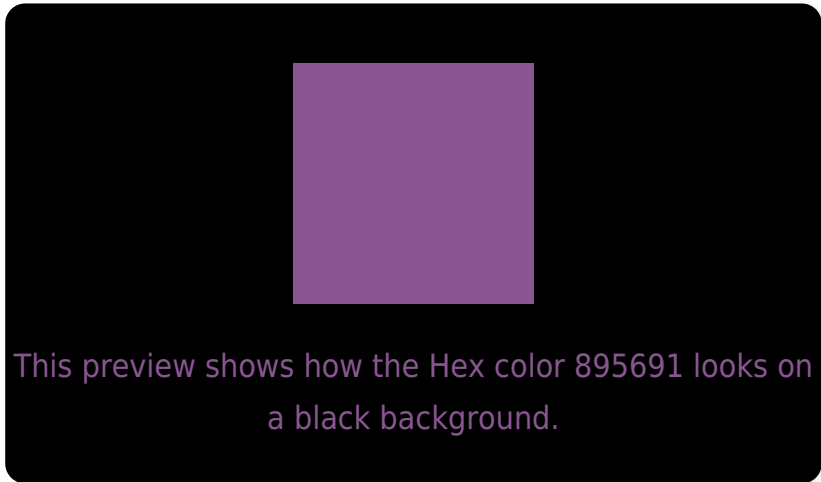
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

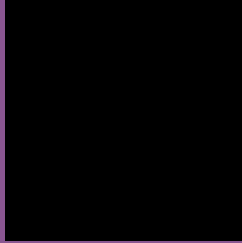
Any Text WCAG AA × Fail

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 895691 Background



This preview shows how black text looks on a background with the Hex color 895691.



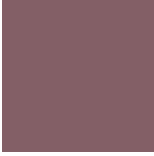
This preview shows how white text looks on a background with the Hex color 895691.

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
835F66

Trichromacy



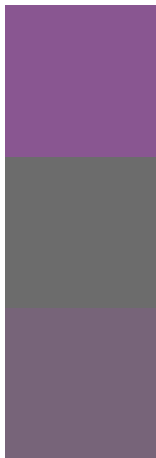
Original Color
895691

Protanomaly
69619A

Deuteranomaly
6E618F

Tritanomaly
855C76

Monochromacy



Original Color
895691

Achromatopsia
6C6C6C

Achromatomaly
776479

CSS Examples

Text

The CSS property to change the color of the text to Hex 895691 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 #895691 looks like.

```
.text, #text, p{  
    color:#895691  
}
```

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 #895691 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #895691
}
```

Border

The CSS property to change the border of an element to Hex 895691 is called "border". The border property can be set on classes, ids or directly on the HTML element.

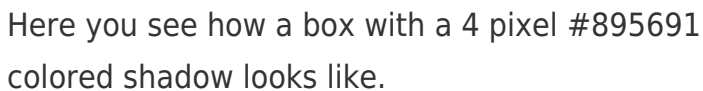
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#895691 }
```

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

```
.border{ border-color:#895691 }
```

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



Here you see how a box with a 4 pixel #895691 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #895691; -webkit-box-shadow:4px 4px  
4px 4px #895691; box-shadow:4px 4px 4px  
4px #895691 }
```

Background

The CSS property to change the background color of an element to Hex 895691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#895691 }
```

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

```
.background{ background-color:#895691 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor