

Converting Colors

Hex(895EB1)

Have a look what the booklet for
Hex(895EB1) contains.

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Color

Hex(895EB1)

Conversions

Conversions Part 1

Format	Color
Hex	895EB1
RGB	137, 94, 177
RGB Percent	54%, 37%, 69%
CMY	0.4627, 0.6314, 0.3059
CMYK	0.23, 0.47, 0.00, 0.31
HSL	271°, 35%, 53%
HSV	271°, 47%, 69%
XYZ	22.2550, 16.4981, 43.6065
YIQ	116.3190, -1.0150, 34.9290

Conversions

Conversions Part 2

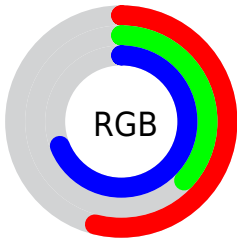
Format	Color
R_{YB}	137, 94, 177
Decimal	9002673
CIE _{Lab}	47.62, 33.95, -37.73
CIE _{LCh}	48, 50.753, 311.979
Yxy	16.4981, 0.2702, 0.2003
Android (android.graphics.Color)	4287192753 (0xFF895EB1)
YUV	116.3190, 29.9157, 18.1372
Hunter-Lab	40.6178, 26.7212, -35.2200

Details

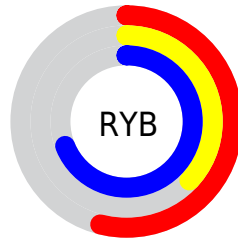
The Hex color **895EB1** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **86B15E**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **C091E9**, and **552E7C** is the 20% darker color. If you saturate the color by 10%, you get **804CB1**, and if you desaturate by 10%, it is **9270B1**.

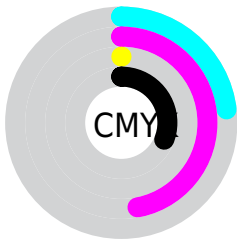
Distribution



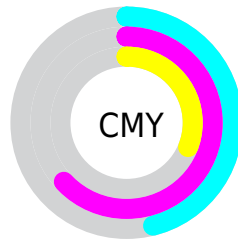
- Red (54%)
- Green (37%)
- Blue (69%)



- Red (54%)
- Yellow (37%)
- Blue (69%)



- Cyan (23%)
- Magenta (47%)
- Yellow (0%)
- Black (31%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 895EB1 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 895EB1 by changing the saturation by 10% instead.

895EB1

895EB1

FFFFFF

6E4696

C091E9

552E7C

DCACFF

3B1763

FAC8FF

22004A

FFE4FF

0A0033

00021D

000000

895EB1

895EB1

804CB1

9270B1

783BB1

9A81B1

6F29B1

A393B1

6717B1

ABA5B1

5E05B1

B4B7B1

5C00B1

BCC8B1

C5DAB1

CDECB1

D6FDB1

Harmonies

Analogous

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



3970C5



895EB1



B14D8C

Triad

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



895EB1



9C6519



008581

Complementary

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



895EB1



86B15E

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.



008455



895EB1



777410

Square

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



895EB1



B6543A



477E2D



0083A9

Rectangle

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



895EB1



BD4770



477E2D



008573

Sweetspot

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



895EB1



D6C5E6



5E86B1



695F73



F2F2F2



737373

Same Dimension

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



895EB1



A865E6



B15EB0



555059



4F0099



0D001A

Inverse Universe

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



B15E86



E665A3



5EB15F



595055



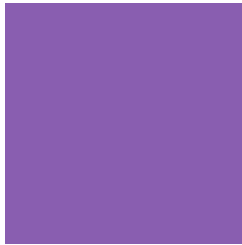
99004A



1A000C

Previews

White Background



This preview shows how the Hex color 895EB1 looks on a white background.

Color Contrast Check

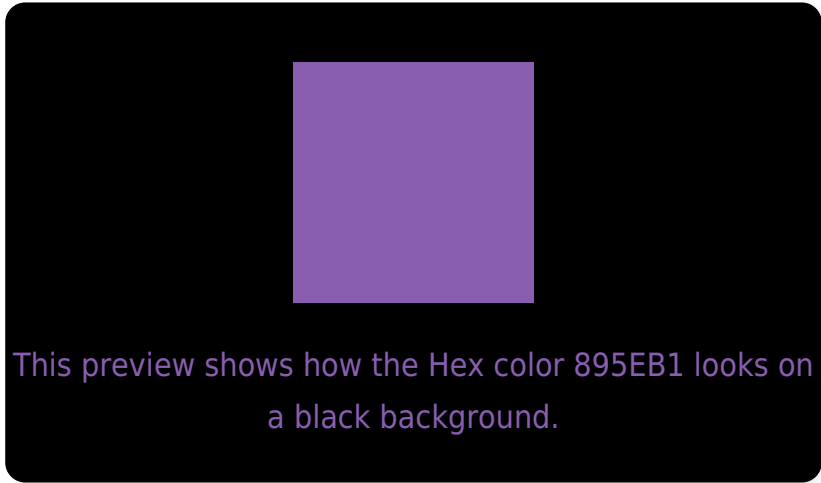
Large Text (above 18pt) WCAG AA ✓ Pass

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

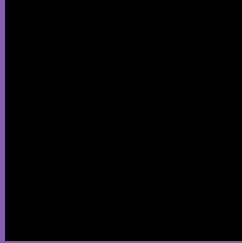
Any Text WCAG AA × Fail

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 895EB1 Background



This preview shows how black text looks on a background with the Hex color 895EB1.

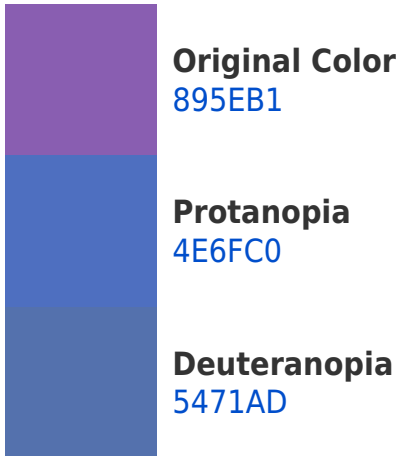


This preview shows how white text looks on a background with the Hex color 895EB1.

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](#).

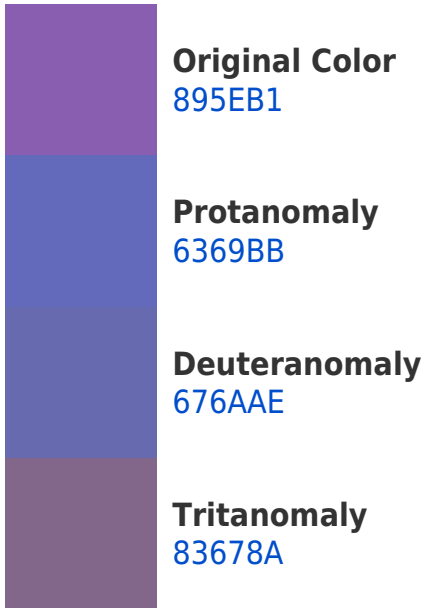
Dichromacy





Tritanopia
7F6C74

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 895EB1 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 #895EB1 looks like.

```
.text, #text, p{  
    color:#895EB1  
}
```

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 #895EB1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #895EB1
}
```

Border

The CSS property to change the border of an element to Hex 895EB1 is called "border". The border property can be set on classes, ids or directly on the HTML element.

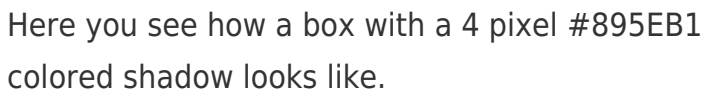
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#895EB1 }
```

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

```
.border{ border-color:#895EB1 }
```

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



Here you see how a box with a 4 pixel #895EB1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #895EB1; -webkit-box-shadow:4px 4px  
4px 4px #895EB1; box-shadow:4px 4px 4px  
4px #895EB1 }
```

Background

The CSS property to change the background color of an element to Hex 895EB1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#895EB1 }
```

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

```
.background{ background-color:#895EB1 }
```

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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