

# Converting Colors

Hex(955B89)

Have a look what the booklet for  
Hex(955B89) contains.

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# Color

**Hex(955B89)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	955B89
RGB	149, 91, 137
RGB Percent	58%, 36%, 54%
CMY	0.4157, 0.6431, 0.4627
CMYK	0.00, 0.39, 0.08, 0.42
HSL	312°, 24%, 47%
HSV	312°, 39%, 58%
XYZ	20.6509, 15.6779, 25.6046
YIQ	113.5860, 19.8020, 26.6020

# Conversions

## Conversions Part 2

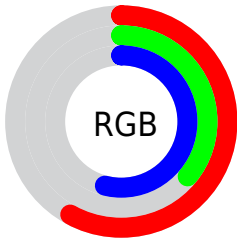
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	149, 91, 137
Decimal	9788297
CIE <sub>Lab</sub>	46.55, 30.98, -15.60
CIE <sub>LCh</sub>	47, 34.687, 333.265
Yxy	15.6779, 0.3334, 0.2531
Android (android.graphics.Color)	4287978377 (0xFF955B89)
YUV	113.5860, 11.5431, 31.0581
Hunter-Lab	39.5953, 23.8046, -10.6237

# Details

The Hex color **955B89** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **5B9567**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **CC8EBE**, and **612B57** is the 20% darker color. If you saturate the color by 10%, you get **954C86**, and if you desaturate by 10%, it is **956A8C**.

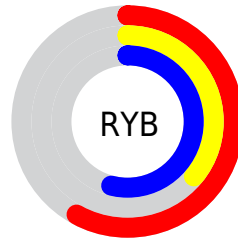
# Distribution



Red (58%)

Green (36%)

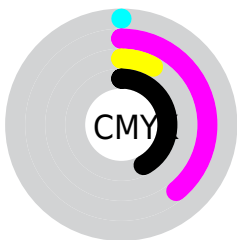
Blue (54%)



Red (58%)

Yellow (36%)

Blue (54%)

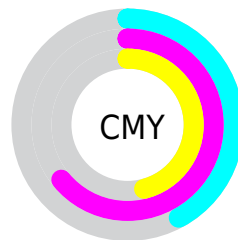


Cyan (0%)

Magenta (39%)

Yellow (8%)

Black (42%)



Cyan (42%)

Magenta (64%)

Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 955B89 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 955B89 by changing the saturation by 10% instead.



 955B89

 955B89

FFFFFF

 7B4370

 CC8EBE

 612B57

 E9A9DA

 481340

 FFC5F7

 30002A

 FFE1FF

 180015

FFFEFF

 000000

 955B89

 955B89

 954C86

 956A8C

 953D83

 95798F

952E80

958892

951F7D

959795

95117A

95A698

950277

95B49B

950076

95C39F

95D2A2

95E1A5

# Harmonies

## Analogous

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



75659F



955B89



A4566C

# Triad

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



955B89



7D6E33



007C8D

# Complementary

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



955B89



5B9567

# 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.



007D71



955B89



5F763C

# Square

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



955B89



95633B



397B53



0078A2

# Rectangle

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



955B89



A55859



397B53



007D84



# Sweetspot

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



955B89



C2ABBD



675B95



61535E



E0E0E0



616161



# Same Dimension

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



955B89



C267AF



955B6C



4A4348



8A006D



0A0008



# Inverse Universe

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



955B89



C267AF



5B9584



4A4348



8A006D

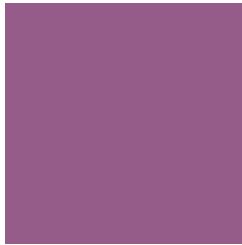


0A0008



# Previews

## White Background



This preview shows how the Hex color 955B89 looks on a white background.

## Color Contrast Check

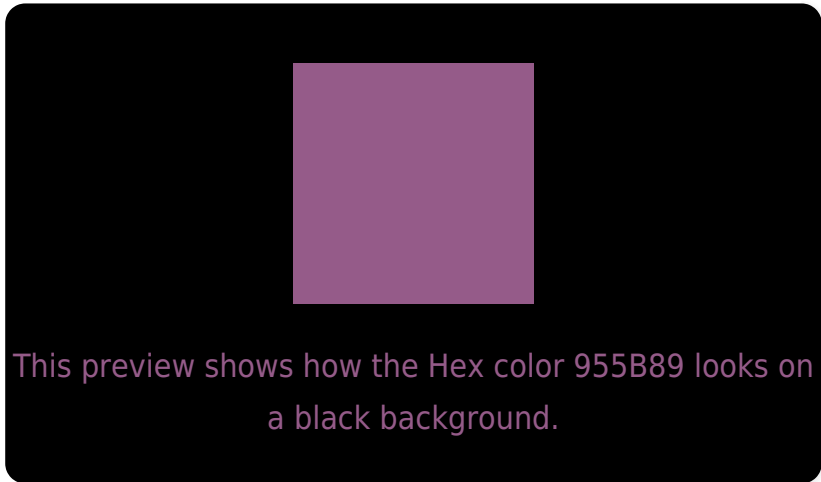
Large Text (above 18pt) WCAG AA ✓ Pass

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

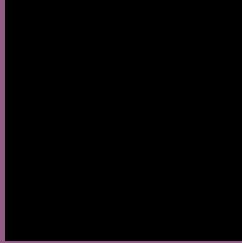
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 955B89 Background



This preview shows how black text looks on a background with the Hex color 955B89.



This preview shows how white text looks on a background with the Hex color 955B89.

# 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**  
916169

# Trichromacy



**Original Color**  
955B89

**Protanomaly**  
756691

**Deuteranomaly**  
7C6687

**Tritanomaly**  
925F75

# Monochromacy



**Original Color**  
955B89

**Achromatopsia**  
727272

**Achromatomaly**  
7F6A7A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 955B89 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 #955B89 looks like.

```
.text, #text, p{  
    color:#955B89  
}
```

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 #955B89 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #955B89
}
```

## Border

The CSS property to change the border of an element to Hex 955B89 is called "border". The border property can be set on classes, ids or directly on the HTML element.

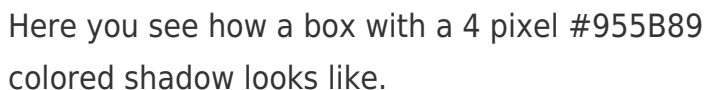
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#955B89 }
```

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

```
.border{ border-color:#955B89 }
```

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



Here you see how a box with a 4 pixel #955B89 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #955B89; -webkit-box-shadow:4px 4px  
4px 4px #955B89; box-shadow:4px 4px 4px  
4px #955B89 }
```

# Background

The CSS property to change the background color of an element to Hex 955B89 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#955B89 }
```

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

```
.background{ background-color:#955B89 }
```

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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