

Converting Colors

Hex(953186)

Have a look what the booklet for
Hex(953186) contains.

Hex(953186)	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(953186)

Conversions

Conversions Part 1

Format	Color
Hex	953186
RGB	149, 49, 134
RGB Percent	58%, 19%, 53%
CMY	0.4157, 0.8078, 0.4745
CMYK	0.00, 0.67, 0.10, 0.42
HSL	309°, 51%, 39%
HSV	309°, 67%, 58%
XYZ	17.7958, 10.3074, 23.6058
YIQ	88.5900, 32.3150, 47.6350

Conversions

Conversions Part 2

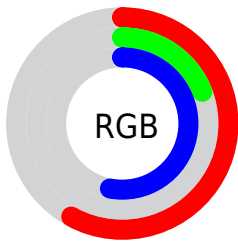
Format	Color
R_{YB}	149, 49, 134
Decimal	9777542
CIE _{Lab}	38.39, 51.61, -26.37
CIE _{LCh}	38, 57.957, 332.931
Yxy	10.3074, 0.3442, 0.1993
Android (android.graphics.Color)	4287967622 (0xFF953186)
YUV	88.5900, 22.3871, 52.9796
Hunter-Lab	32.1052, 42.7581, -21.1203

Details

The Hex color **953186** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **319540**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **CE67BC**, and **5F0054** is the 20% darker color. If you saturate the color by 10%, you get **952284**, and if you desaturate by 10%, it is **954088**.

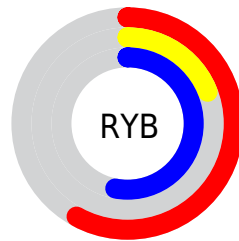
Distribution



Red (58%)

Green (19%)

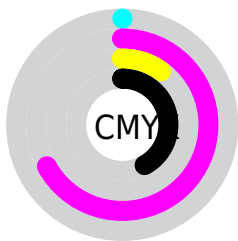
Blue (53%)



Red (58%)

Yellow (19%)

Blue (53%)

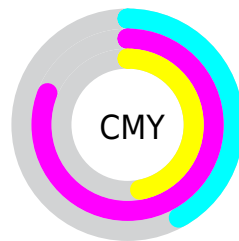


Cyan (0%)

Magenta (67%)

Yellow (10%)

Black (42%)



Cyan (42%)

Magenta (81%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 953186 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 953186 by changing the saturation by 10% instead.

 953186

 953186

FFFFFF

 7A116C

 CE67BC

 5F0054

 EB82D7

 45003C

 FF9DF4

 2E0027

 FFB9FF

 00000F

 FFD6FF

 000000

 FFF3FF

 953186

 953186

 952284

 954088

951382

954F8A

95047F

955E8D

95007F

956D8F

957C91

958A93

959996

95A898

95B79A

Harmonies

Analogous

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



5D4BAA



953186



AB1F58

Triad

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



953186



6A5A00



006E8D

Complementary

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



953186



319540

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.



006F5E



953186



396600

Square

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



953186



8F4700



006C2C



006AAE

Rectangle

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



953186



AA2639



006C2C



006F7E

Sweetspot

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



953186



C29BBC



403195



614A5D



E0E0E0



616161

Same Dimension

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



953186



C225AA



953154



4A4349



8A0075



0A0009

Inverse Universe

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



953186



C225AA



319572



4A4349



8A0075



0A0009

Previews

White Background



This preview shows how the Hex color 953186 looks on a white background.

Color Contrast Check

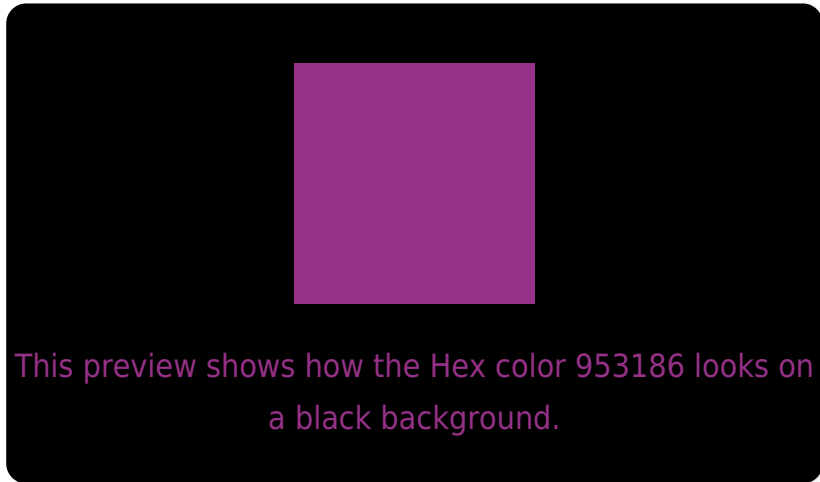
Large Text (above 18pt) WCAG AA ✓ Pass

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

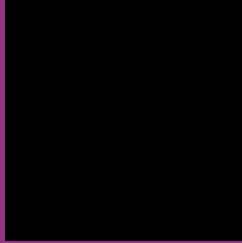
Any Text WCAG AA × Fail

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 953186 Background



This preview shows how black text looks on a background with the Hex color 953186.

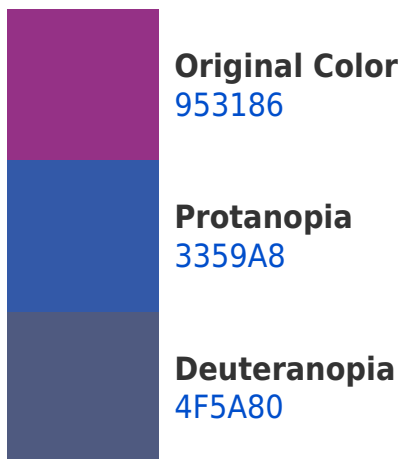



This preview shows how white text looks on a background with the Hex color 953186.

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
8F4348

Trichromacy



Original Color
953186



Protanomaly
574A9C



Deuteranomaly
684B82



Tritanomaly
913C5F

Monochromacy



Original Color
953186



Achromatopsia
595959



Achromatomaly
6F4A69

CSS Examples

Text

The CSS property to change the color of the text to Hex 953186 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 #953186 looks like.

```
.text, #text, p{  
  color:#953186  
}
```

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 #953186 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #953186
}
```

Border

The CSS property to change the border of an element to Hex 953186 is called "border". The border property can be set on classes, ids or directly on the HTML element.

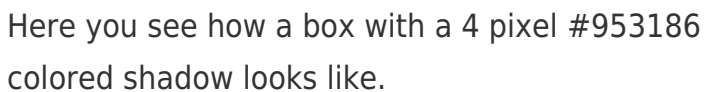
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#953186 }
```

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

```
.border{ border-color:#953186 }
```

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



Here you see how a box with a 4 pixel #953186 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #953186; -webkit-box-shadow:4px 4px  
4px 4px #953186; box-shadow:4px 4px 4px  
4px #953186 }
```

Background

The CSS property to change the background color of an element to Hex 953186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#953186 }
```

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

```
.background{ background-color:#953186 }
```

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