

Converting Colors

Hex(953287)

Have a look what the booklet for
Hex(953287) contains.

Hex(953287)	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(953287)

Conversions

Conversions Part 1

Format	Color
Hex	953287
RGB	149, 50, 135
RGB Percent	58%, 20%, 53%
CMY	0.4157, 0.8039, 0.4706
CMYK	0.00, 0.66, 0.09, 0.42
HSL	308°, 50%, 39%
HSV	308°, 66%, 58%
XYZ	17.9082, 10.4200, 23.9891
YIQ	89.2910, 31.7190, 47.4230

Conversions

Conversions Part 2

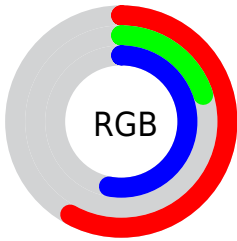
Format	Color
R_{YB}	149, 50, 135
Decimal	9777799
CIE _{Lab}	38.59, 51.36, -26.68
CIE _{LCh}	39, 57.875, 332.548
Yxy	10.4200, 0.3423, 0.1992
Android (android.graphics.Color)	4287967879 (0xFF953287)
YUV	89.2910, 22.5345, 52.3648
Hunter-Lab	32.2801, 42.5373, -21.4655

Details

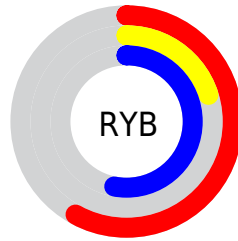
The Hex color **953287** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **329540**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **CE68BD**, and **5F0055** is the 20% darker color. If you saturate the color by 10%, you get **952385**, and if you desaturate by 10%, it is **954189**.

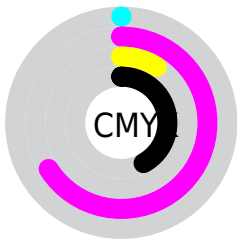
Distribution



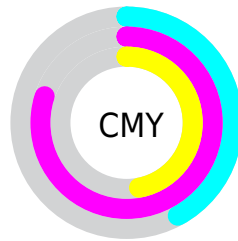
- Red (58%)
- Green (20%)
- Blue (53%)



- Red (58%)
- Yellow (20%)
- Blue (53%)



- Cyan (0%)
- Magenta (66%)
- Yellow (9%)
- Black (42%)



- Cyan (42%)
- Magenta (80%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 953287 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 953287 by changing the saturation by 10% instead.

 953287

 953287

FFFFFF

 7A136D

 CE68BD

 5F0055

 EB83D8

 45003D

 FF9EF5

 2E0027

 FFBAFF

 000010

 FFD7FF

 000000

 FFF4FF

 953287

 953287

 952385

 954189

■ 951483

■ 95508B

■ 950581

■ 955F8D

■ 950080

■ 956E8F

■ 957D92

■ 958B94

■ 959A96

■ 95A998

■ 95B89A

Harmonies

Analogous

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



5C4CAB



953287



AB2059

Triad

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



953287



6B5A00



006F8C

Complementary

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



953287



329540

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



953287



3B6600

Square

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



953287



904700



006C2C



006BAE

Rectangle

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



953287



AB273A



006C2C



006F7E

Sweetspot

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



953287



C29BBC



3F3295



614A5E



E0E0E0



616161

Same Dimension

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



953287



C227AC



953256



4A4349



8A0076



0A0009

Inverse Universe

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



953287



C227AC



329571



4A4349



8A0076



0A0009

Previews

White Background



This preview shows how the Hex color 953287 looks on a white background.

Color Contrast Check

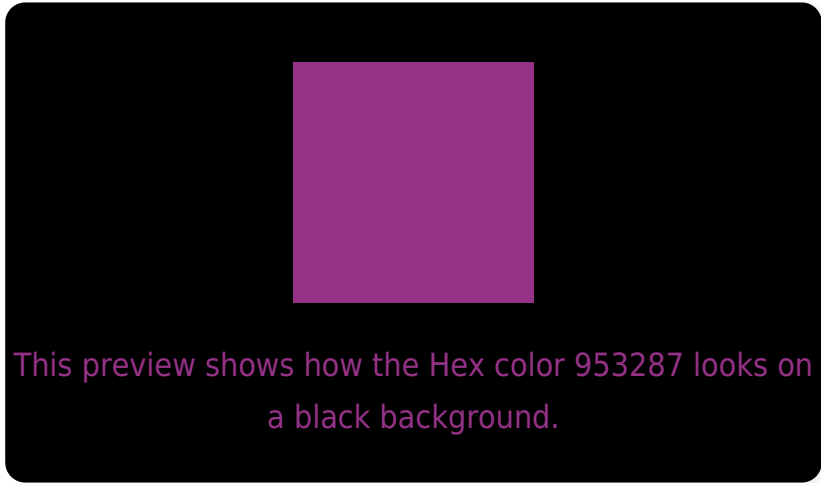
Large Text (above 18pt) WCAG AA ✓ Pass

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 953287 Background



This preview shows how black text looks on a background with the Hex color 953287.

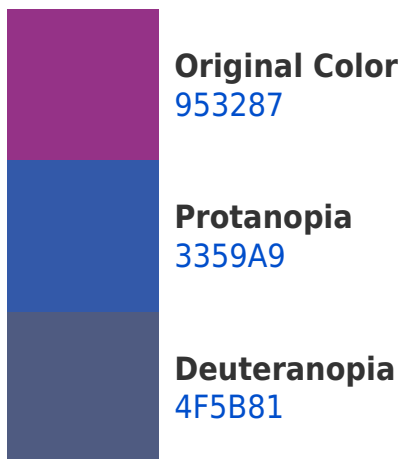


This preview shows how white text looks on a background with the Hex color 953287.

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](#).

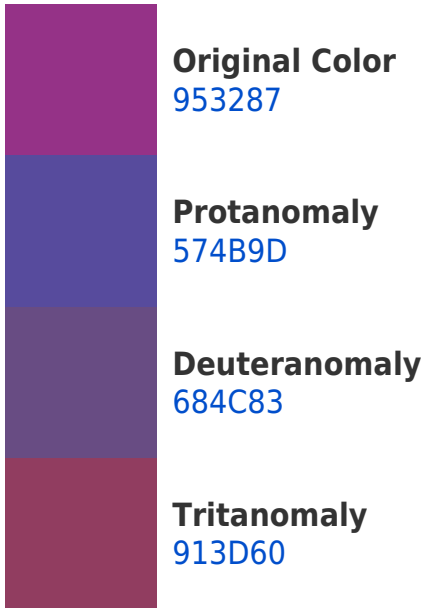
Dichromacy



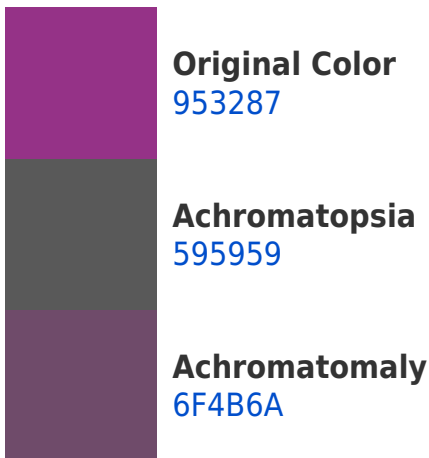


Tritanopia
8F4449

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 953287 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 #953287 looks like.

```
.text, #text, p{  
    color:#953287  
}
```

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 #953287 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #953287
}
```

Border

The CSS property to change the border of an element to Hex 953287 is called "border". The border property can be set on classes, ids or directly on the HTML element.

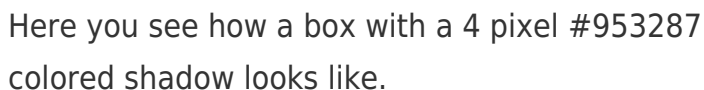
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#953287 }
```

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

```
.border{ border-color:#953287 }
```

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



Here you see how a box with a 4 pixel #953287 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #953287; -webkit-box-shadow:4px 4px  
4px 4px #953287; box-shadow:4px 4px 4px  
4px #953287 }
```

Background

The CSS property to change the background color of an element to Hex 953287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#953287 }
```

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

```
.background{ background-color:#953287 }
```

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