

Converting Colors

Hex(990F87)

Have a look what the booklet for
Hex(990F87) contains.

Hex(990F87)	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(990F87)

Conversions

Conversions Part 1

Format	Color
Hex	990F87
RGB	153, 15, 135
RGB Percent	60%, 6%, 53%
CMY	0.4000, 0.9412, 0.4706
CMYK	0.00, 0.90, 0.12, 0.40
HSL	308°, 82%, 33%
HSV	308°, 90%, 60%
XYZ	17.6809, 8.8632, 23.7006
YIQ	69.9420, 43.7280, 66.5760

Conversions

Conversions Part 2

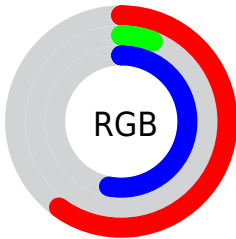
Format	Color
R_{YB}	153, 15, 135
Decimal	10030983
CIE Lab	35.72, 62.50, -31.14
CIE LCh	36, 69.822, 333.516
Yxy	8.8632, 0.3519, 0.1764
Android (android.graphics.Color)	4288221063 (0xFF990F87)
YUV	69.9420, 32.0736, 72.8419
Hunter-Lab	29.7712, 53.9103, -26.3604

Details

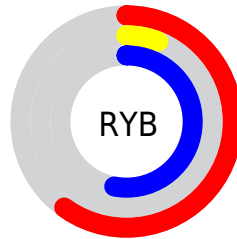
The Hex color **990F87** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **0F9921**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **D353BD**, and **610055** is the 20% darker color. If you saturate the color by 10%, you get **990085**, and if you desaturate by 10%, it is **991E89**.

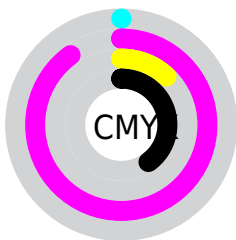
Distribution



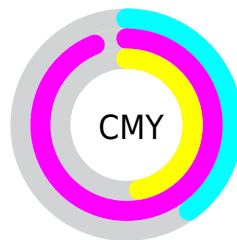
- Red (60%)
- Green (6%)
- Blue (53%)



- Red (60%)
- Yellow (6%)
- Blue (53%)



- Cyan (0%)
- Magenta (90%)
- Yellow (12%)
- Black (40%)



- Cyan (40%)
- Magenta (94%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 990F87 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 990F87 by changing the saturation by 10% instead.

■ 990F87

■ 990F87

FFFFFF

■ 7D006D

■ D353BD

■ 610055

■ F06FD9

■ 47003D

■ FF8BF5

■ 2D0027

■ FFA7FF

■ 00000F

■ FFC4FF

■ 000000

■ FFE1FF

■ 990F87

■ 990F87

■ 990085

■ 991E89

 992E8B

 993D8D

 994C8F

 995B91

 996B93

 997A95

 998997

 999999

Harmonies

Analogous

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



5341B3



990F87



B10050

Triad

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



990F87



625400



006A91

Complementary

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



990F87



0F9921

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.



006A59



990F87



236100

Square

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



990F87



8D3C00



00671C



0066B9

Rectangle

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



990F87



AF002C



00671C



006B80

Sweetspot

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



990F87



C791C0



1F0F99



63445F



E3E3E3



636363

Same Dimension

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



990F87



C700AD



990F44



4D454C



8C007A



0D000B

Inverse Universe

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



990F87



C700AD



0F9964



4D454C



8C007A



0D000B

Previews

White Background



This preview shows how the Hex color 990F87 looks on a white background.

Color Contrast Check

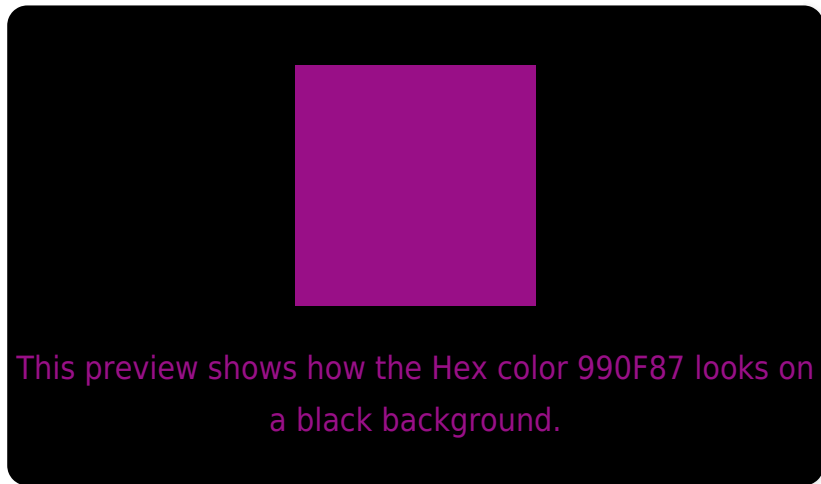
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

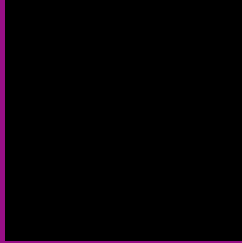
Any Text WCAG AA × Fail

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 990F87 Background



This preview shows how black text looks on a background with the Hex color 990F87.

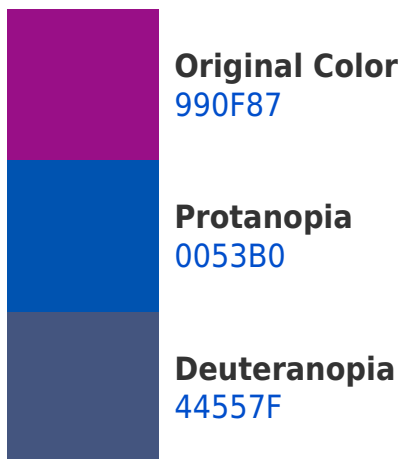



This preview shows how white text looks on a background with the Hex color 990F87.

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
92363A

Trichromacy



Original Color
990F87



Protanomaly
383AA1



Deuteranomaly
633C82



Tritanomaly
952856

Monochromacy



Original Color
990F87



Achromatopsia
464646



Achromatomaly
64325E

CSS Examples

Text

The CSS property to change the color of the text to Hex 990F87 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 #990F87 looks like.

```
.text, #text, p{  
    color:#990F87  
}
```

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 #990F87 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #990F87
}
```

Border

The CSS property to change the border of an element to Hex 990F87 is called "border". The border property can be set on classes, ids or directly on the HTML element.

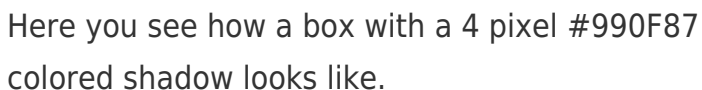
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#990F87 }
```

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

```
.border{ border-color:#990F87 }
```

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



Here you see how a box with a 4 pixel #990F87 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #990F87; -webkit-box-shadow:4px 4px  
4px 4px #990F87; box-shadow:4px 4px 4px  
4px #990F87 }
```

Background

The CSS property to change the background color of an element to Hex 990F87 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#990F87 }
```

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

```
.background{ background-color:#990F87 }
```

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