

Converting Colors

Hex(991CAF)

Have a look what the booklet for
Hex(991CAF) contains.

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Color

Hex(991CAF)

Conversions

Conversions Part 1

Format	Color
Hex	991CAF
RGB	153, 28, 175
RGB Percent	60%, 11%, 69%
CMY	0.4000, 0.8902, 0.3137
CMYK	0.13, 0.84, 0.00, 0.31
HSL	291°, 72%, 40%
HSV	291°, 84%, 69%
XYZ	21.2900, 10.6980, 41.5002
YIQ	82.1330, 27.3130, 72.2170

Conversions

Conversions Part 2

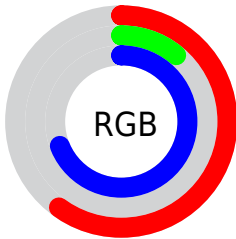
Format	Color
R _Y B	153, 28, 175
Decimal	10034351
CIE Lab	39.07, 66.30, -50.07
CIE LCh	39, 83.078, 322.942
Yxy	10.6980, 0.2897, 0.1456
Android (android.graphics.Color)	4288224431 (0xFF991CAF)
YUV	82.1330, 45.7834, 62.1504
Hunter-Lab	32.7077, 58.9500, -52.3330

Details

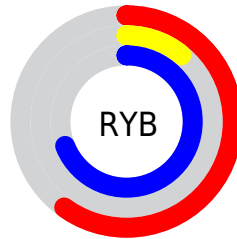
The Hex color **991CAF** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **32AF1C**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **D35BE7**, and **61007A** is the 20% darker color. If you saturate the color by 10%, you get **960BAF**, and if you desaturate by 10%, it is **9C2EAF**.

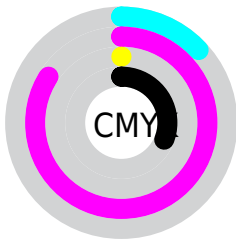
Distribution



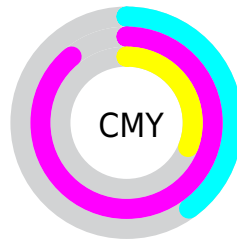
- Red (60%)
- Green (11%)
- Blue (69%)



- Red (60%)
- Yellow (11%)
- Blue (69%)



- Cyan (13%)
- Magenta (84%)
- Yellow (0%)
- Black (31%)



- Cyan (40%)
- Magenta (89%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 991CAF 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 991CAF by changing the saturation by 10% instead.

991CAF

991CAF

FFFFFF

7D0094

D35BE7

61007A

F177FF

450060

FF93FF

2D0048

FFB0FF

050030

FFC0FF

00011A

FFEAFF

000000

991CAF

991CAF

960BAF

9C2EAF

9500AF

9E3FAF

A151AF

A362AF

A673AF

A985AF

AB97AF

AEA8AF

B1BAAF

Harmonies

Analogous

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



0052DB



991CAF



C6006F

Triad

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



991CAF



7E5400



007690

Complementary

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



991CAF



32AF1C

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.



007549



991CAF



3E6800

Square

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



991CAF



AD2D00



007100



0074C9

Rectangle

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



991CAF



CB0043



007100



007679

Sweetspot

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



991CAF



DAAAE3



1C32AF



6E5073



F2F2F2



737373

Same Dimension

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



991CAF



C100E3



AF1C7C



554E57



800096



140017

Inverse Universe

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



AF1C32



E30022



1CAF4F



574E4F



960017



170003

Previews

White Background



This preview shows how the Hex color 991CAF looks on a white background.

Color Contrast Check

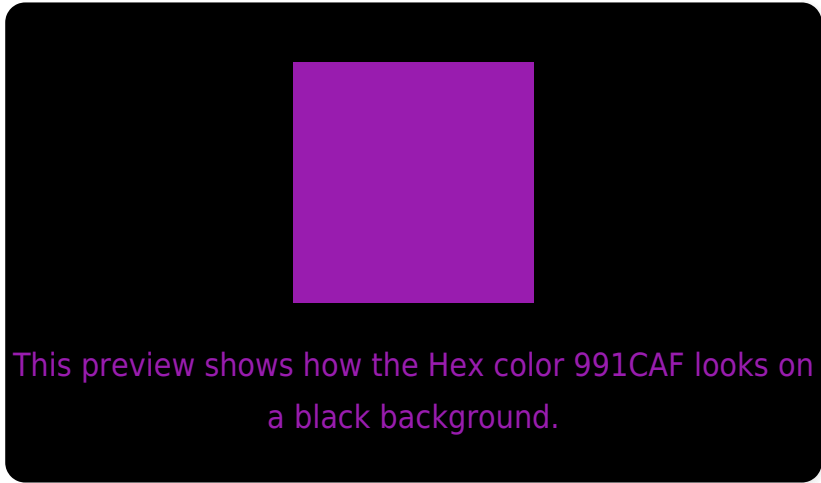
Large Text (above 18pt) WCAG AA ✓ Pass

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

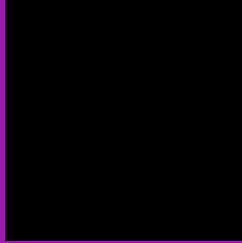
Any Text WCAG AA × Fail

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 991CAF Background



This preview shows how black text looks on a background with the Hex color 991CAF.



This preview shows how white text looks on a background with the Hex color 991CAF.

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



Original Color
991CAF

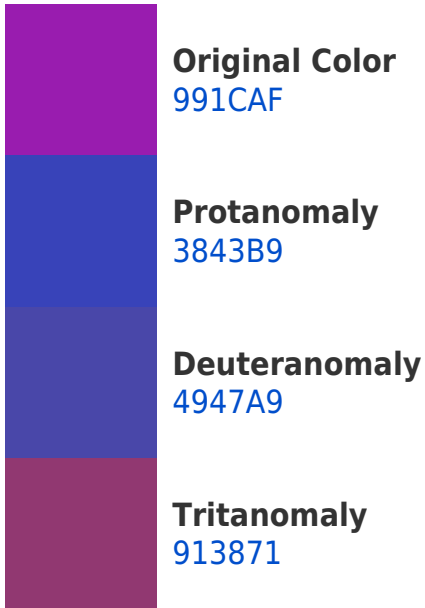
Protanopia
005ABE

Deuteranopia
1B5FA5

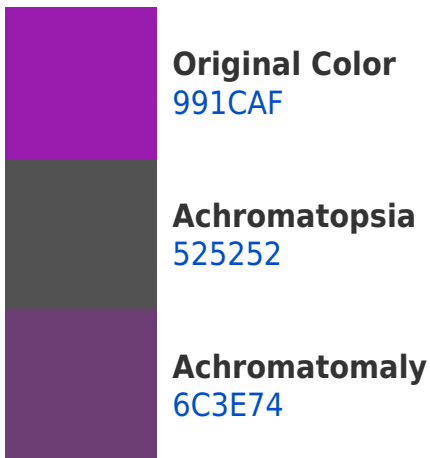


Tritanopia
8C484D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 991CAF 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 #991CAF looks like.

```
.text, #text, p{  
    color:#991CAF  
}
```

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 #991CAF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #991CAF
}
```

Border

The CSS property to change the border of an element to Hex 991CAF is called "border". The border property can be set on classes, ids or directly on the HTML element.

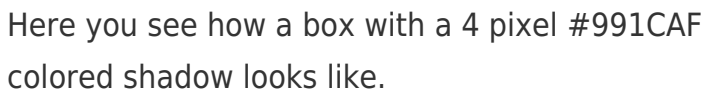
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#991CAF }
```

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

```
.border{ border-color:#991CAF }
```

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



Here you see how a box with a 4 pixel #991CAF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #991CAF; -webkit-box-shadow:4px 4px  
4px 4px #991CAF; box-shadow:4px 4px 4px  
4px #991CAF }
```

Background

The CSS property to change the background color of an element to Hex 991CAF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#991CAF }
```

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

```
.background{ background-color:#991CAF }
```

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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