

# Converting Colors

Hex(995491)

Have a look what the booklet for  
Hex(995491) contains.

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# Color

**Hex(995491)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	995491
RGB	153, 84, 145
RGB Percent	60%, 33%, 57%
CMY	0.4000, 0.6706, 0.4314
CMYK	0.00, 0.45, 0.05, 0.40
HSL	307°, 29%, 46%
HSV	307°, 45%, 60%
XYZ	21.4180, 15.1573, 28.5849
YIQ	111.5850, 21.5430, 33.5990

# Conversions

## Conversions Part 2

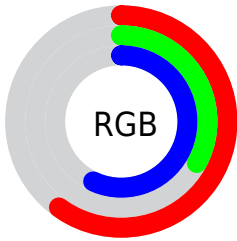
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	153, 84, 145
Decimal	10048657
CIE Lab	45.85, 37.67, -21.43
CIE LCh	46, 43.341, 330.372
Yxy	15.1573, 0.3287, 0.2326
Android (android.graphics.Color)	4288238737 (0xFF995491)
YUV	111.5850, 16.4736, 36.3210
Hunter-Lab	38.9324, 30.0674, -16.2792

# Details

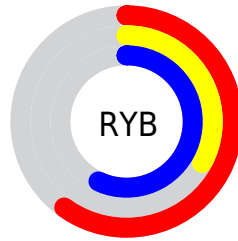
The Hex color **995491** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **54995C**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **D188C7**, and **64225E** is the 20% darker color. If you saturate the color by 10%, you get **99458F**, and if you desaturate by 10%, it is **996393**.

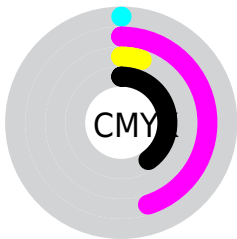
# Distribution



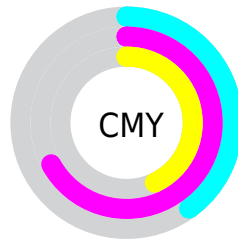
- Red (60%)
- Green (33%)
- Blue (57%)



- Red (60%)
- Yellow (33%)
- Blue (57%)



- Cyan (0%)
- Magenta (45%)
- Yellow (5%)
- Black (40%)



- Cyan (40%)
- Magenta (67%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 995491 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 995491 by changing the saturation by 10% instead.



■ 995491

■ 995491

FFFFFF

■ 7E3B77

■ D188C7

■ 64225E

■ EDA2E3

■ 4B0646

■ FFBEFF

■ 330030

■ FFDAFF

■ 1B001B

■ FFF7FF

■ 000000

■ 995491

■ 995491

■ 99458F

■ 996393

■ 99358D

■ 997395

99268C

998296

99178A

999198

990888

99A19A

990087

99B09C

99BF9D

99CE9F

99DEA1

# Harmonies

## Analogous

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



6E63AB



995491



AD4C6E

# Triad

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



995491



806B1F



007E90

# Complementary

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



995491



54995C

# 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.



007E6C



995491



5B752A

# Square

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



995491



9C5D2D



277B47



0079AB

# Rectangle

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



995491



AF4D55



277B47



007E85



# Sweetspot

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



995491



C7ABC4



5B5499



635361



E3E3E3



636363



# Same Dimension

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



995491



C75BBA



995470



4D454C



8C007C



0D000B



# Inverse Universe

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



995491



C75BBA



54997D



4D454C



8C007C

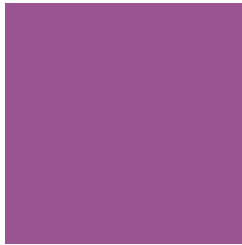


0D000B



# Previews

## White Background



This preview shows how the Hex color 995491 looks on a white background.

## Color Contrast Check

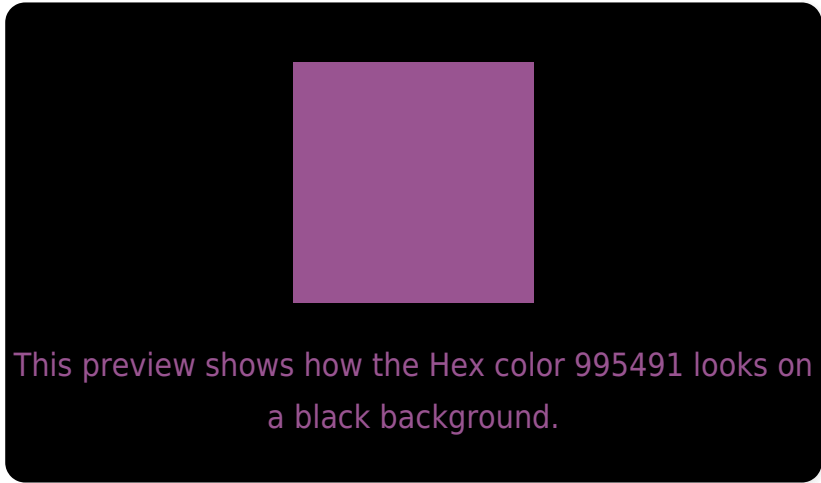
Large Text (above 18pt) WCAG AA ✓ Pass

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 995491 Background



This preview shows how black text looks on a background with the Hex color 995491.

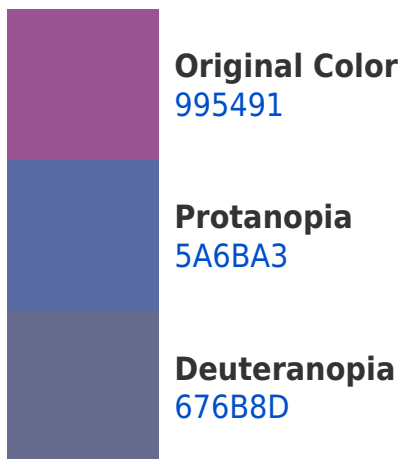



This preview shows how white text looks on a background with the Hex color 995491.

# 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**  
945E65

# Trichromacy



**Original Color**  
995491

**Protanomaly**  
71639C

**Deuteranomaly**  
79638E

**Tritanomaly**  
965A75

# Monochromacy



**Original Color**  
995491

**Achromatopsia**  
707070

**Achromatomaly**  
7F667C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 995491 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 #995491 looks like.

```
.text, #text, p{  
    color:#995491  
}
```

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 #995491 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #995491
}
```

## Border

The CSS property to change the border of an element to Hex 995491 is called "border". The border property can be set on classes, ids or directly on the HTML element.

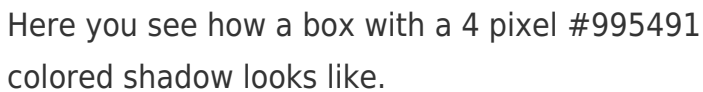
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#995491 }
```

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

```
.border{ border-color:#995491 }
```

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



Here you see how a box with a 4 pixel #995491 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #995491; -webkit-box-shadow:4px 4px  
4px 4px #995491; box-shadow:4px 4px 4px  
4px #995491 }
```

# Background

The CSS property to change the background color of an element to Hex 995491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#995491 }
```

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

```
.background{ background-color:#995491 }
```

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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