

# Converting Colors

Hex(985487)

Have a look what the booklet for  
Hex(985487) contains.

<b>Hex(985487)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(985487)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	985487
RGB	152, 84, 135
RGB Percent	60%, 33%, 53%
CMY	0.4039, 0.6706, 0.4706
CMYK	0.00, 0.45, 0.11, 0.40
HSL	315°, 29%, 46%
HSV	315°, 45%, 60%
XYZ	20.4924, 14.7653, 24.6916
YIQ	110.1460, 24.1570, 30.2770

# Conversions

## Conversions Part 2

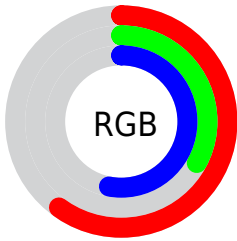
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	152, 84, 135
Decimal	9983111
CIE Lab	45.31, 35.54, -16.25
CIE LCh	45, 39.084, 335.426
Yxy	14.7653, 0.3418, 0.2463
Android (android.graphics.Color)	4288173191 (0xFF985487)
YUV	110.1460, 12.2530, 36.7060
Hunter-Lab	38.4257, 27.9491, -11.2006

# Details

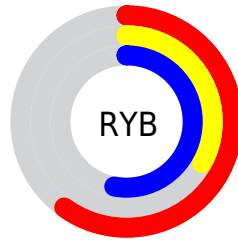
The Hex color **985487** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **549865**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **D087BC**, and **632355** is the 20% darker color. If you saturate the color by 10%, you get **984583**, and if you desaturate by 10%, it is **98638B**.

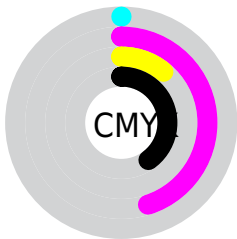
# Distribution



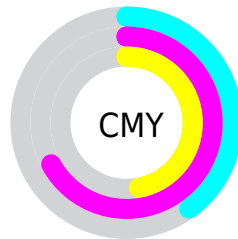
- Red (60%)
- Green (33%)
- Blue (53%)



- Red (60%)
- Yellow (33%)
- Blue (53%)



- Cyan (0%)
- Magenta (45%)
- Yellow (11%)
- Black (40%)



- Cyan (40%)
- Magenta (67%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 985487 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 985487 by changing the saturation by 10% instead.



985487

985487

FFFFFF

7D3B6E

D087BC

632355

ECA2D8

4A083E

FFBEF5

320028

FFDAFF

180012

FFF7FF

000000

985487

985487

984583

98638B

98367F

98728F

 98267C

 988292

 981778

 989196

 980874

 98A09A

 980072

 98AF9E

 98BEA2

 98CEA5

 98DDA9

# Harmonies

## Analogous

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



7560A1



985487



A74F67

# Triad

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



985487



786B27



007B90

# Complementary

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



985487



549865

# 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.



007C70



985487



567434

# Square

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



985487



93602F



26794F



0076A6

# Rectangle

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



985487



A75151



26794F



007B86



# Sweetspot

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



985487



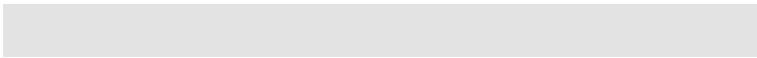
C4ABBE



655498



63545F



E3E3E3



636363



# Same Dimension

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



985487



C45AAA



985465



4D454B



8C0069



0D000A



# Inverse Universe

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



985487



C45AAA



549887



4D454B



8C0069

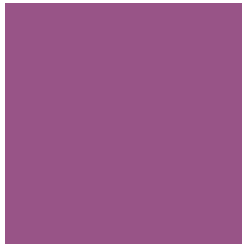


0D000A



# Previews

## White Background



This preview shows how the Hex color 985487 looks on a white background.

## Color Contrast Check

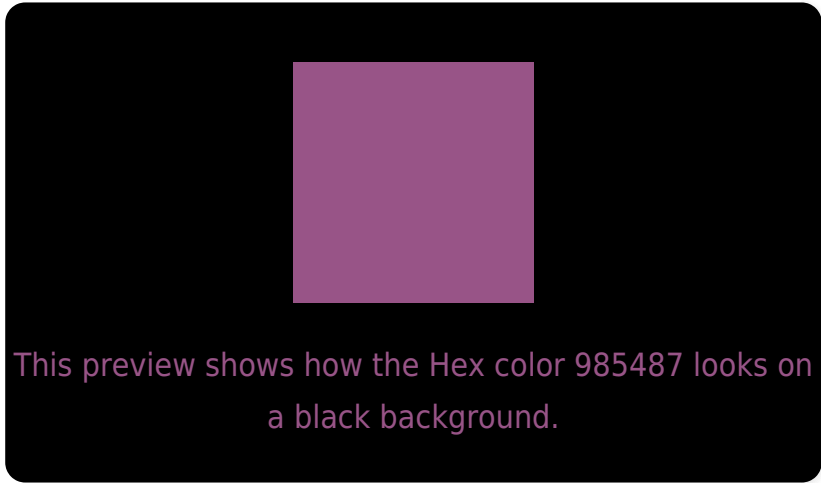
Large Text (above 18pt) WCAG AA ✓ Pass

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

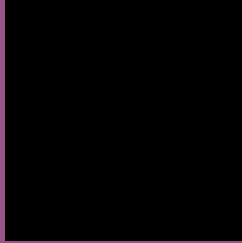
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 985487 Background



This preview shows how black text looks on a background with the Hex color 985487.

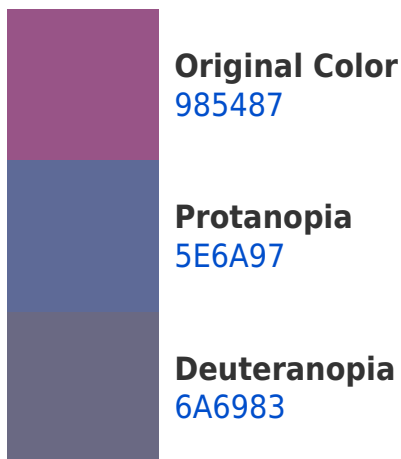



This preview shows how white text looks on a background with the Hex color 985487.

# 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**  
945C63

# Trichromacy



**Original Color**  
985487

**Protanomaly**  
736291

**Deuteranomaly**  
7B6184

**Tritanomaly**  
955970

# Monochromacy



**Original Color**  
985487

**Achromatopsia**  
6E6E6E

**Achromatomaly**  
7D6577

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 985487 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 #985487 looks like.

```
.text, #text, p{  
    color:#985487  
}
```

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 #985487 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #985487
}
```

## Border

The CSS property to change the border of an element to Hex 985487 is called "border". The border property can be set on classes, ids or directly on the HTML element.

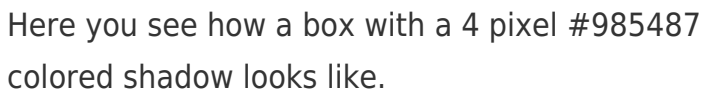
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#985487 }
```

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

```
.border{ border-color:#985487 }
```

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



Here you see how a box with a 4 pixel #985487 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #985487; -webkit-box-shadow:4px 4px  
4px 4px #985487; box-shadow:4px 4px 4px  
4px #985487 }
```

# Background

The CSS property to change the background color of an element to Hex 985487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#985487 }
```

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

```
.background{ background-color:#985487 }
```

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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