

# Converting Colors

Hex(984176)

Have a look what the booklet for  
Hex(984176) contains.

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**Color**

**Hex(984176)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	984176
RGB	152, 65, 118
RGB Percent	60%, 25%, 46%
CMY	0.4039, 0.7451, 0.5373
CMYK	0.00, 0.57, 0.22, 0.40
HSL	323°, 40%, 43%
HSV	323°, 57%, 60%
XYZ	18.1092, 11.7640, 18.4558
YIQ	97.0550, 34.8390, 34.9270

# Conversions

## Conversions Part 2

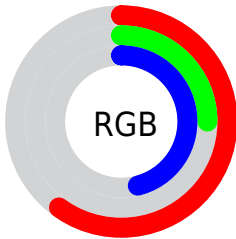
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	152, 65, 118
Decimal	9978230
CIE <sub>Lab</sub>	40.84, 42.72, -12.69
CIE <sub>LCh</sub>	41, 44.562, 343.459
Yxy	11.7640, 0.3747, 0.2434
Android (android.graphics.Color)	4288168310 (0xFF984176)
YUV	97.0550, 10.3259, 48.1868
Hunter-Lab	34.2987, 34.2227, -7.8942

# Details

The Hex color **984176** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **419863**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **D075AA**, and **620846** is the 20% darker color. If you saturate the color by 10%, you get **983270**, and if you desaturate by 10%, it is **98507C**.

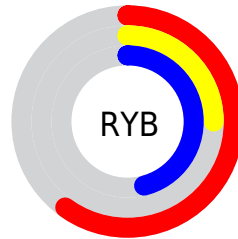
# Distribution



Red (60%)

Green (25%)

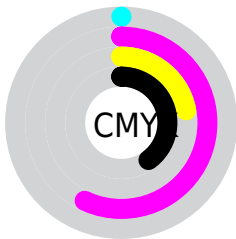
Blue (46%)



Red (60%)

Yellow (25%)

Blue (46%)

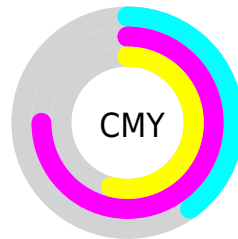


Cyan (0%)

Magenta (57%)

Yellow (22%)

Black (40%)



Cyan (40%)

Magenta (75%)

Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 984176 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 984176 by changing the saturation by 10% instead.



 984176

 984176

FFFFFF

 7D275D

 D075AA

 620846

 EE90C5

 48002F

 FFABE1

 32001B

 FFC7FE

 080000

 FFE3FF

 000000

 984176

 984176

 983270

 98507C

 98236A

 985F82

981364

986F88

98045E

987E8E

98005D

988D94

989C9A

98ABA0

98BBA6

98CAAB

# Harmonies

## Analogous

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



774F96



984176



A33E51

# Triad

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



984176



64640F



007092

# Complementary

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



984176



419863

# 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.



007270



984176



3A6C28

# Square

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



984176



845715



00704A



006AA6

# Rectangle

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



984176



9F443A



00704A



007188



# Sweetspot

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



984176



C4A3B7



624198



63505C



E3E3E3



636363



# Same Dimension

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



984176



C43D8F



98414B



4D454A



8C0055



0D0008



# Inverse Universe

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



984176



C43D8F



41988E



4D454A



8C0055

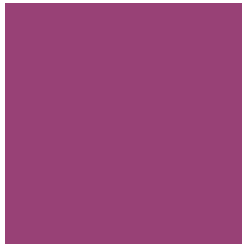


0D0008



# Previews

## White Background



This preview shows how the Hex color 984176 looks on a white background.

## Color Contrast Check

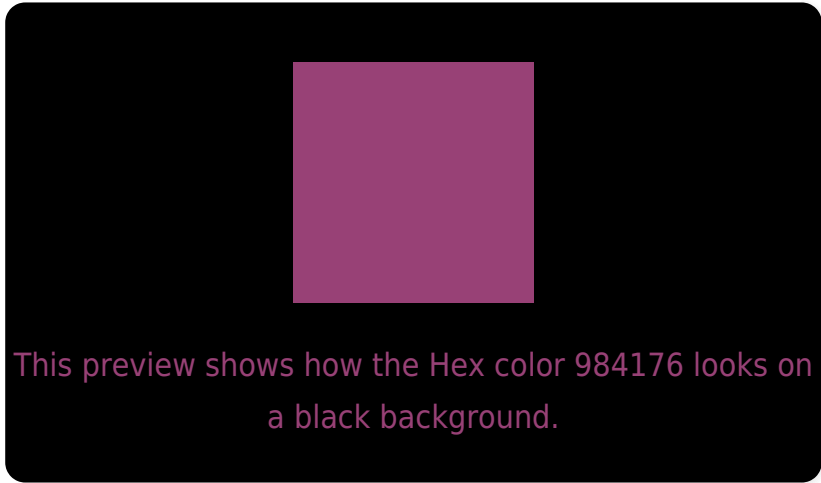
Large Text (above 18pt) WCAG AA ✓ Pass

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

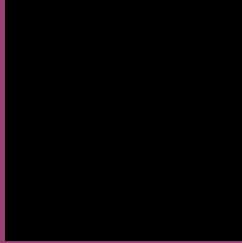
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 984176 Background



This preview shows how black text looks on a background with the Hex color 984176.



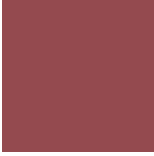
This preview shows how white text looks on a background with the Hex color 984176.

# 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**  
944A4F

# Trichromacy



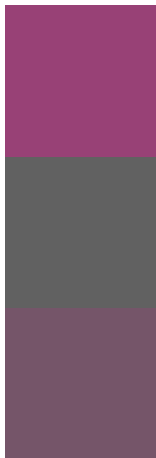
**Original Color**  
984176

**Protanomaly**  
6C5584

**Deuteranomaly**  
765473

**Tritanomaly**  
95475D

# Monochromacy



**Original Color**  
984176

**Achromatopsia**  
616161

**Achromatomaly**  
755569

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 984176 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 #984176 looks like.

```
.text, #text, p{  
    color:#984176  
}
```

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 #984176 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #984176
}
```

## Border

The CSS property to change the border of an element to Hex 984176 is called "border". The border property can be set on classes, ids or directly on the HTML element.

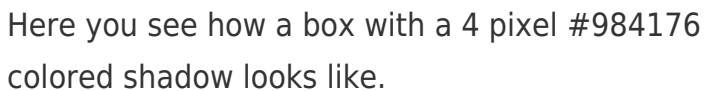
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#984176 }
```

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

```
.border{ border-color:#984176 }
```

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



Here you see how a box with a 4 pixel #984176 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #984176; -webkit-box-shadow:4px 4px  
4px 4px #984176; box-shadow:4px 4px 4px  
4px #984176 }
```

# Background

The CSS property to change the background color of an element to Hex 984176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#984176 }
```

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

```
.background{ background-color:#984176 }
```

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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