

# Converting Colors

Hex(9E1776)

Have a look what the booklet for  
Hex(9E1776) contains.

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**Color**

**Hex(9E1776)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9E1776
RGB	158, 23, 118
RGB Percent	62%, 9%, 46%
CMY	0.3804, 0.9098, 0.5373
CMYK	0.00, 0.85, 0.25, 0.38
HSL	318°, 75%, 35%
HSV	318°, 85%, 62%
XYZ	17.6770, 9.1899, 17.9817
YIQ	74.1950, 49.9650, 58.1650

# Conversions

## Conversions Part 2

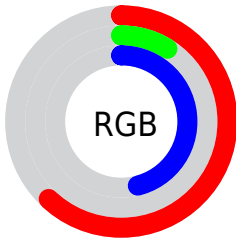
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	158, 23, 118
Decimal	10360694
CIE <sub>Lab</sub>	36.35, 59.77, -19.47
CIE <sub>LCh</sub>	36, 62.861, 341.953
Yxy	9.1899, 0.3941, 0.2049
Android (android.graphics.Color)	4288550774 (0xFF9E1776)
YUV	74.1950, 21.5959, 73.4970
Hunter-Lab	30.3148, 51.0346, -13.9483

# Details

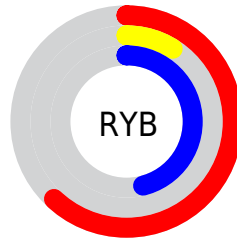
The Hex color **9E1776** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **179E3F**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **D856AA**, and **660045** is the 20% darker color. If you saturate the color by 10%, you get **9E0771**, and if you desaturate by 10%, it is **9E277B**.

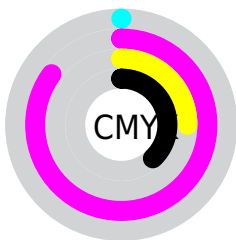
# Distribution



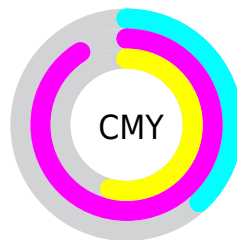
- Red (62%)
- Green (9%)
- Blue (46%)



- Red (62%)
- Yellow (9%)
- Blue (46%)



- Cyan (0%)
- Magenta (85%)
- Yellow (25%)
- Black (38%)



- Cyan (38%)
- Magenta (91%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9E1776 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 9E1776 by changing the saturation by 10% instead.



9E1776

9E1776

FFFFFF

82005D

D856AA

660045

F672C6

4B002F

FF8EE2

31001A

FFABFE

020000

FFC7FF

000000

FFE4FF

9E1776

9E1776

9E0771

9E277B

■ 9E006F

■ 9E377F

■ 9E4684

■ 9E5689

■ 9E668D

■ 9E7692

■ 9E8697

■ 9E959B

■ 9EA5A0

# Harmonies

## Analogous

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



6E3CA2



9E1776



AC0244

# Triad

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



9E1776



575A00



006A99

# Complementary

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



9E1776



179E3F

# 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.



006B69



9E1776



116400

# Square

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



9E1776



814800



006934



0064B7

# Rectangle

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



9E1776



A61F23



006934



006A8A



# Sweetspot

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



9E1776



CF99BF



3D179E



69485F



E8E8E8



696969



# Same Dimension

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



9E1776



CF0091



9E1734



4F474D



8F0064



0F000B



# Inverse Universe

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



9E1776



CF0091



179E81



4F474D



8F0064



0F000B



# Previews

## White Background



This preview shows how the Hex color 9E1776 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 9E1776 Background



This preview shows how black text looks on a background with the Hex color 9E1776.

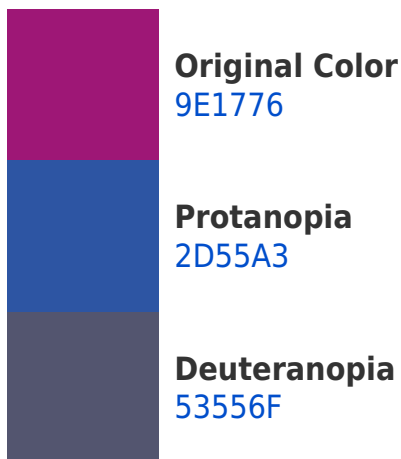


This preview shows how white text looks on a background with the Hex color 9E1776.

# 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





# Trichromacy



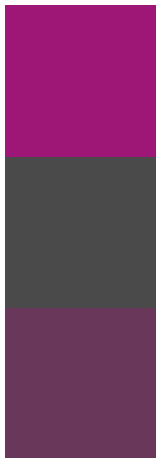
**Original Color**  
9E1776

**Protanomaly**  
563E93

**Deuteranomaly**  
6E3E72

**Tritanomaly**  
9B284D

# Monochromacy



**Original Color**  
9E1776

**Achromatopsia**  
4A4A4A

**Achromatomaly**  
69375A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9E1776 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 #9E1776 looks like.

```
.text, #text, p{  
    color:#9E1776  
}
```

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 #9E1776 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E1776  
}
```

## Border

The CSS property to change the border of an element to Hex 9E1776 is called "border". The border property can be set on classes, ids or directly on the HTML element.

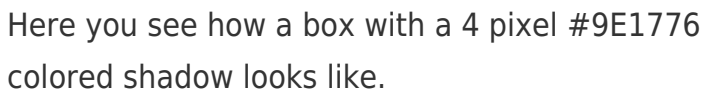
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#9E1776 }
```

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

```
.border{ border-color:#9E1776 }
```

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



Here you see how a box with a 4 pixel #9E1776 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E1776; -webkit-box-shadow:4px 4px  
4px 4px #9E1776; box-shadow:4px 4px 4px  
4px #9E1776 }
```

# Background

The CSS property to change the background color of an element to Hex 9E1776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E1776 }
```

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

```
.background{ background-color:#9E1776 }
```

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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