

# Converting Colors

Hex(961144)

Have a look what the booklet for  
Hex(961144) contains.

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**Color**

**Hex(961144)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	961144
RGB	150, 17, 68
RGB Percent	59%, 7%, 27%
CMY	0.4118, 0.9333, 0.7333
CMYK	0.00, 0.89, 0.55, 0.41
HSL	337°, 80%, 33%
HSV	337°, 89%, 59%
XYZ	13.8215, 7.3023, 6.1498
YIQ	62.5810, 62.8970, 44.0570

# Conversions

## Conversions Part 2

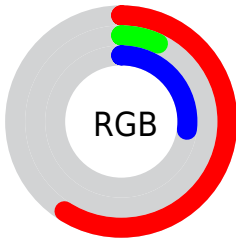
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	150, 17, 68
Decimal	9834820
CIE <sub>Lab</sub>	32.49, 53.94, 6.86
CIE <sub>LCh</sub>	32, 54.377, 7.247
Yxy	7.3023, 0.5068, 0.2677
Android (android.graphics.Color)	4288024900 (0xFF961144)
YUV	62.5810, 2.6716, 76.6665
Hunter-Lab	27.0227, 44.0089, 5.4227

# Details

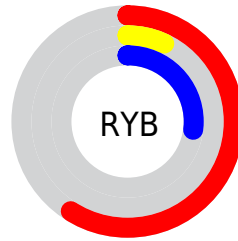
The Hex color **961144** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **119663**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **D15074**, and **5C001A** is the 20% darker color. If you saturate the color by 10%, you get **96023B**, and if you desaturate by 10%, it is **96204D**.

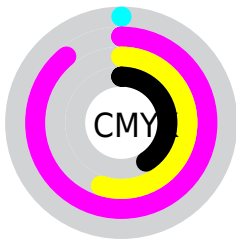
# Distribution



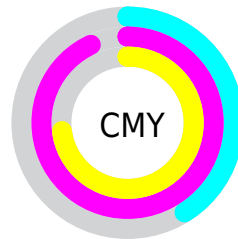
- Red (59%)
- Green (7%)
- Blue (27%)



- Red (59%)
- Yellow (7%)
- Blue (27%)



- Cyan (0%)
- Magenta (89%)
- Yellow (55%)
- Black (41%)



- Cyan (41%)
- Magenta (93%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 961144 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 961144 by changing the saturation by 10% instead.



 961144

 961144

FFFFFF

 79002E

 D15074

 5C001A

 EF6B8D

 420001

 FF87A8

 230001

 FFA3C3

 000000

 FFBFDF

 FFDCFB

 FFF9FF

 961144

 961144

■ 96023B

■ 96204D

■ 96003A

■ 962F56

■ 963E60

■ 964D69

■ 965C72

■ 966B7B

■ 967A85

■ 96898E

■ 969897

# Harmonies

## Analogous

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



86216E



961144



8F261A

# Triad

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



961144



245800



005A9C

# Complementary

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



961144



119663

# 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.



005E80



961144



005D29

# Square

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



961144



554E00



005F56



004FA2

# Rectangle

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



961144



813600



005F56



005C95



# Sweetspot

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



961144



C28DA2



611196



61424E



E0E0E0



616161



# Same Dimension

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



961144



C2004A



961E11



4A4345



8A0035



0A0004



# Inverse Universe

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



961144



C2004A



118996



4A4345



8A0035

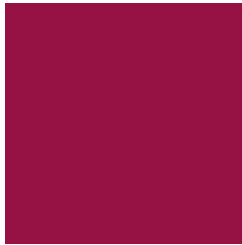


0A0004



# Previews

## White Background



This preview shows how the Hex color 961144 looks on a white background.

## Color Contrast Check

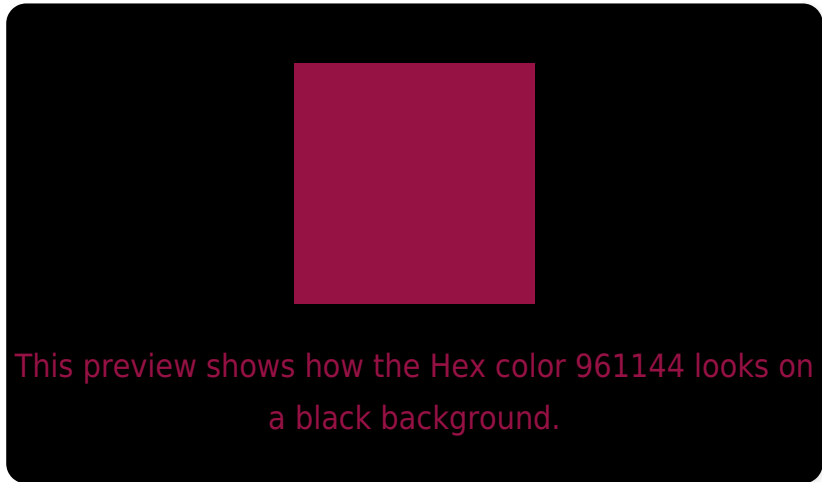
Large Text (above 18pt) WCAG AA ✓ Pass

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 961144 Background



This preview shows how black text looks on a background with the Hex color 961144.

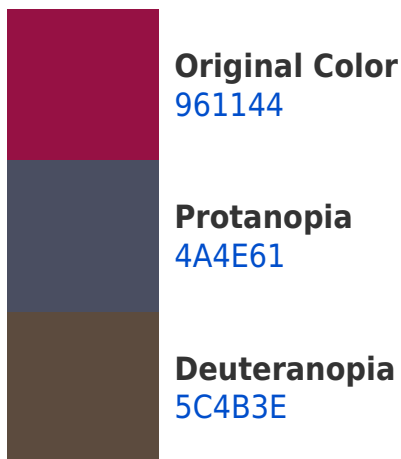


This preview shows how white text looks on a background with the Hex color 961144.

# 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**  
941F1F

# Trichromacy



**Original Color**  
961144

**Protanomaly**  
663856

**Deuteranomaly**  
713640

**Tritanomaly**  
951A2C

# Monochromacy



**Original Color**  
961144

**Achromatopsia**  
3F3F3F

**Achromatomaly**  
5F2E41

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 961144 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 #961144 looks like.

```
.text, #text, p{  
    color:#961144  
}
```

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 #961144 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #961144
}
```

## Border

The CSS property to change the border of an element to Hex 961144 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".

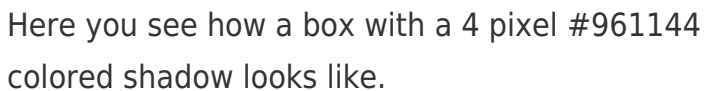
```
.border, #border, table{ border:4px solid
#961144 }
```

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

```
.border{ border-color:#961144 }
```

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

Here you see how a box with a 4 pixel #961144 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #961144; -webkit-box-shadow:4px 4px  
4px 4px #961144; box-shadow:4px 4px 4px  
4px #961144 }
```

# Background

The CSS property to change the background color of an element to Hex 961144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#961144 }
```

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

```
.background{ background-color:#961144 }
```

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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