

# Converting Colors

Hex(945156)

Have a look what the booklet for  
Hex(945156) contains.

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**Color**

**Hex(945156)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	945156
RGB	148, 81, 86
RGB Percent	58%, 32%, 34%
CMY	0.4196, 0.6824, 0.6627
CMYK	0.00, 0.45, 0.42, 0.42
HSL	356°, 29%, 45%
HSV	356°, 45%, 58%
XYZ	16.8349, 12.8526, 10.3976
YIQ	101.6030, 38.3270, 15.7590

# Conversions

## Conversions Part 2

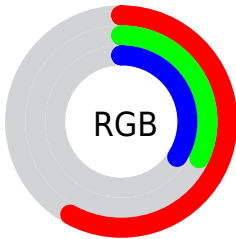
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	148, 81, 86
Decimal	9720150
CIE Lab	42.54, 28.47, 9.52
CIE LCh	43, 30.017, 18.483
Yxy	12.8526, 0.4200, 0.3206
Android (android.graphics.Color)	4287910230 (0xFF945156)
YUV	101.6030, -7.6923, 40.6902
Hunter-Lab	35.8506, 21.0823, 7.8998

# Details

The Hex color **945156** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **51948F**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **CC8488**, and **5E2129** is the 20% darker color. If you saturate the color by 10%, you get **944248**, and if you desaturate by 10%, it is **946064**.

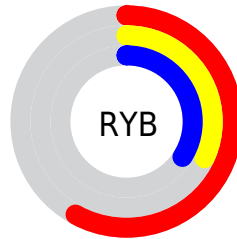
# Distribution



Red (58%)

Green (32%)

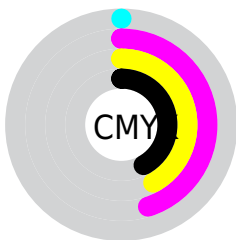
Blue (34%)



Red (58%)

Yellow (32%)

Blue (34%)

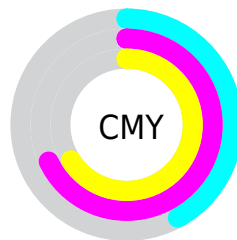


Cyan (0%)

Magenta (45%)

Yellow (42%)

Black (42%)



Cyan (42%)

Magenta (68%)

Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 945156 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 945156 by changing the saturation by 10% instead.



 945156

 945156

FFFFFF

 79393F

 CC8488

 5E2129

 E99EA2

 440915

 FFB9BD

 2E0000

 FFD5D9

 000000

 FFF2F5

 945156

 945156

 944248

 946064

 94333B

 946F71

 94252D

 947D7F

 94161F

 948C8D

 940712

 949B9A

 94000B

 94AAA8

 94B9B6

 94C7C4

 94D6D1

# Harmonies

## Analogous

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



8E516F



945156



8D5740

# Triad

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



945156



486E43



276A95

# Complementary

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



945156



51948F

# 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.



006F89



945156



24715A

# Square

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



945156



656834



007173



586293

# Rectangle

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



945156



835D36



007173



0C6C92



# Sweetspot

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



945156



BFA4A6



8E5194



615052



E0E0E0



616161



# Same Dimension

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



945156



BF5860



946D51



4A4343



8A000A



0A0001



# Inverse Universe

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



945156



BF5860



517894



4A4343



8A000A

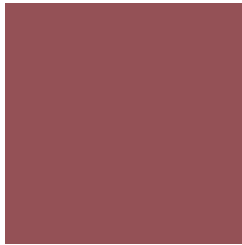


0A0001



# Previews

## White Background



This preview shows how the Hex color 945156 looks on a white background.

## Color Contrast Check

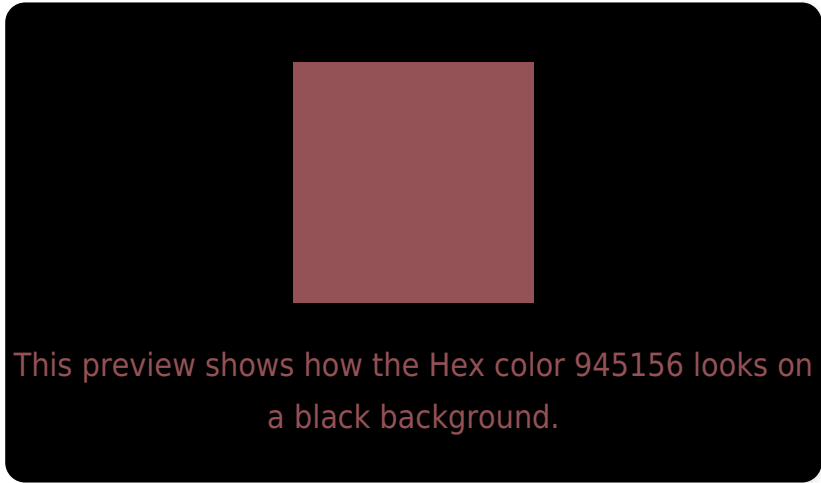
Large Text (above 18pt) WCAG AA ✓ Pass

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

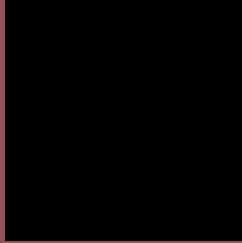
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 945156 Background



This preview shows how black text looks on a background with the Hex color 945156.

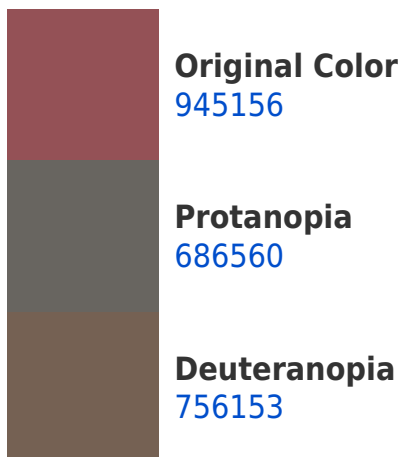


This preview shows how white text looks on a background with the Hex color 945156.

# 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**  
945157

# Trichromacy



**Original Color**  
945156

**Protanomaly**  
785E5C

**Deuteranomaly**  
805B54

**Tritanomaly**  
945157

# Monochromacy



**Original Color**  
945156

**Achromatopsia**  
666666

**Achromatomaly**  
775E60

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 945156 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 #945156 looks like.

```
.text, #text, p{  
    color:#945156  
}
```

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 #945156 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #945156
}
```

## Border

The CSS property to change the border of an element to Hex 945156 is called "border". The border property can be set on classes, ids or directly on the HTML element.

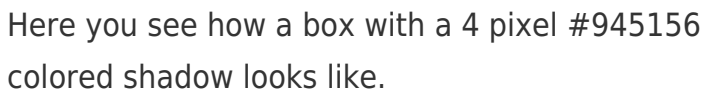
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#945156 }
```

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

```
.border{ border-color:#945156 }
```

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



Here you see how a box with a 4 pixel #945156 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #945156; -webkit-box-shadow:4px 4px  
4px 4px #945156; box-shadow:4px 4px 4px  
4px #945156 }
```

# Background

The CSS property to change the background color of an element to Hex 945156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#945156 }
```

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

```
.background{ background-color:#945156 }
```

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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