

# Converting Colors

Hex(944545)

Have a look what the booklet for  
Hex(944545) contains.

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# Color

**Hex(944545)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	944545
RGB	148, 69, 69
RGB Percent	58%, 27%, 27%
CMY	0.4196, 0.7294, 0.7294
CMYK	0.00, 0.53, 0.53, 0.42
HSL	0°, 36%, 43%
HSV	0°, 53%, 58%
XYZ	15.4150, 10.9818, 6.9375
YIQ	92.6210, 47.0840, 16.7480

# Conversions

## Conversions Part 2

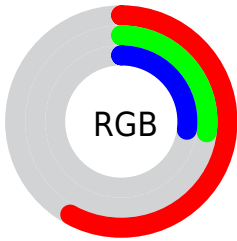
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	148, 69, 69
Decimal	9717061
CIE Lab	39.55, 33.23, 15.89
CIE LCh	40, 36.838, 25.561
Yxy	10.9818, 0.4624, 0.3294
Android (android.graphics.Color)	4287907141 (0xFF944545)
YUV	92.6210, -11.6452, 48.5674
Hunter-Lab	33.1388, 25.0391, 10.7851

# Details

The Hex color **944545** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **459494**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **CD7875**, and **5D141A** is the 20% darker color. If you saturate the color by 10%, you get **943636**, and if you desaturate by 10%, it is **945454**.

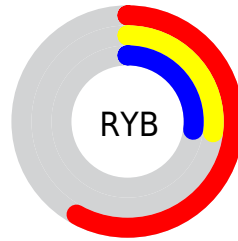
# Distribution



Red (58%)

Green (27%)

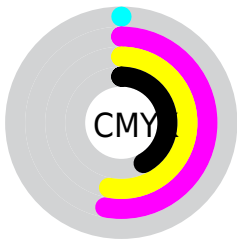
Blue (27%)



Red (58%)

Yellow (27%)

Blue (27%)

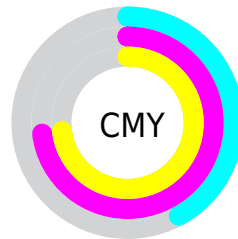


Cyan (0%)

Magenta (53%)

Yellow (53%)

Black (42%)



Cyan (42%)

Magenta (73%)

Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 944545 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 944545 by changing the saturation by 10% instead.



 944545

 944545

FFFFFF

 782D2F

 CD7875

 5D141A

 EB928F

 430000

 FFADA9

 2C0001

 FFC9C4

 000000

 FFE5E0

FFFFFFD

 944545

 944545

 943636

 945454

 942727

 946363

 941919

 947171

 940A0A

 948080

 940000

 948F8F

 949E9E

 94ADAD

 94BBBB

 94CACA

# Harmonies

## Analogous

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



914363



944545



884F2C

# Triad

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



944545



2E693A



006299

# Complementary

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



944545



459494

# 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.



00698E



944545



006C58

# Square

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



944545



556324



006C76



575793

# Rectangle

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



944545



7A5621



006C76



006597



# Sweetspot

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



944545



BFA1A1



944594



614E4E



E0E0E0



616161



# Same Dimension

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



944545



BF4545



946D45



4A4343



8A0000



0A0000



# Inverse Universe

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



459494



45BFBF



456D94



434A4A



008A8A

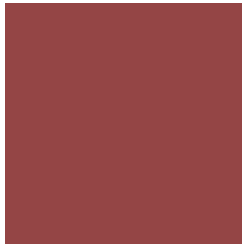


000A0A



# Previews

## White Background



This preview shows how the Hex color 944545 looks on a white background.

## Color Contrast Check

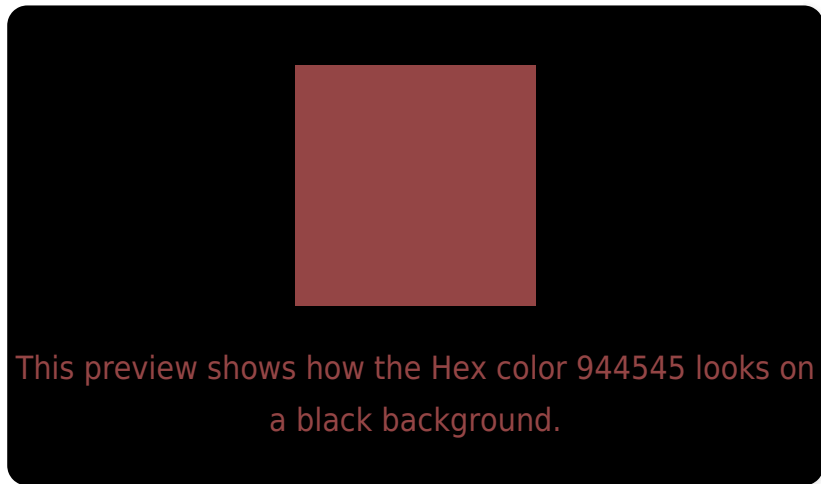
Large Text (above 18pt) WCAG AA ✓ Pass

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 944545 Background



This preview shows how black text looks on a background with the Hex color 944545.

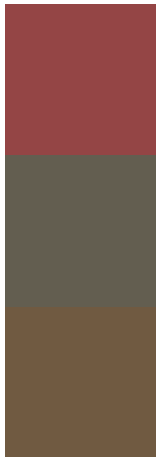


This preview shows how white text looks on a background with the Hex color 944545.

# 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



**Original Color**  
944545

**Protanopia**  
635E50

**Deuteranopia**  
705A41



**Tritanopia**  
944449

# Trichromacy



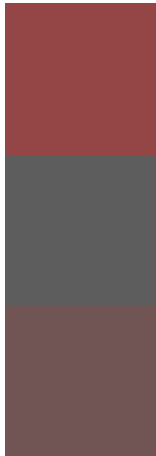
**Original Color**  
944545

**Protanomaly**  
75554C

**Deuteranomaly**  
7D5242

**Tritanomaly**  
944448

# Monochromacy



**Original Color**  
944545

**Achromatopsia**  
5D5D5D

**Achromatomaly**  
715454

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 944545 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 #944545 looks like.

```
.text, #text, p{  
  color:#944545  
}
```

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 #944545 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #944545
}
```

## Border

The CSS property to change the border of an element to Hex 944545 is called "border". The border property can be set on classes, ids or directly on the HTML element.

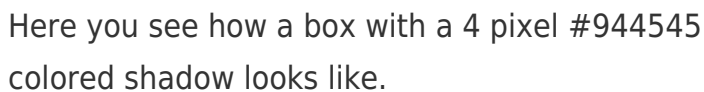
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#944545 }
```

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

```
.border{ border-color:#944545 }
```

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



Here you see how a box with a 4 pixel #944545 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #944545; -webkit-box-shadow:4px 4px  
4px 4px #944545; box-shadow:4px 4px 4px  
4px #944545 }
```

# Background

The CSS property to change the background color of an element to Hex 944545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#944545 }
```

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

```
.background{ background-color:#944545 }
```

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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