

Converting Colors

Hex(994545)

Have a look what the booklet for
Hex(994545) contains.

Hex(994545)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(994545)

Conversions

Conversions Part 1

Format	Color
Hex	994545
RGB	153, 69, 69
RGB Percent	60%, 27%, 27%
CMY	0.4000, 0.7294, 0.7294
CMYK	0.00, 0.55, 0.55, 0.40
HSL	0°, 38%, 44%
HSV	0°, 55%, 60%
XYZ	16.3392, 11.4582, 6.9807
YIQ	94.1160, 50.0640, 17.8080

Conversions

Conversions Part 2

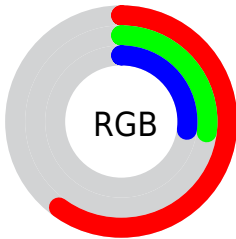
Format	Color
R_{YB}	153, 69, 69
Decimal	10044741
CIE _{Lab}	40.34, 35.16, 17.09
CIE _{LCh}	40, 39.097, 25.927
Yxy	11.4582, 0.4698, 0.3295
Android (android.graphics.Color)	4288234821 (0xFF994545)
YUV	94.1160, -12.3822, 51.6413
Hunter-Lab	33.8500, 26.9233, 11.4679

Details

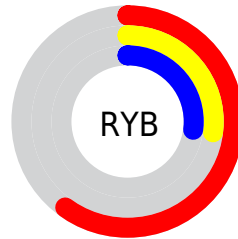
The Hex color **994545** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **459999**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **D37875**, and **61121A** is the 20% darker color. If you saturate the color by 10%, you get **993636**, and if you desaturate by 10%, it is **995454**.

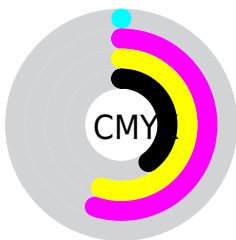
Distribution



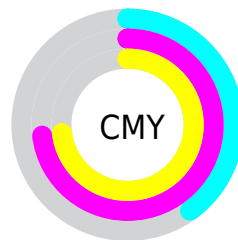
- Red (60%)
- Green (27%)
- Blue (27%)



- Red (60%)
- Yellow (27%)
- Blue (27%)



- Cyan (0%)
- Magenta (55%)
- Yellow (55%)
- Black (40%)



- Cyan (40%)
- Magenta (73%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 994545 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 994545 by changing the saturation by 10% instead.

 994545

 994545

FFFFFF

 7D2C2F

 D37875

 61121A

 F1928F

 470000

 FFADA9

 2F0001

 FFC9C4

 000000

 FFE6E0

FFFFFFD

 994545

 994545

 993636

 995454

992626

996464

991717

997373

990808

998282

990000

999292

99A1A1

99B0B0

99BFBF

99CFCF

Harmonies

Analogous

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



974365



994545



8C502A

Triad

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



994545



2C6C3A



00649F

Complementary

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



994545



459999

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.



006B93



994545



006E5A

Square

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



994545



556622



006E7A



595899

Rectangle

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



994545



7D581E



006E7A



00679D

Sweetspot

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



994545



C7A7A7



994599



635151



E3E3E3



636363

Same Dimension

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



994545



C74444



996F45



4D4545



8C0000



0D0000

Inverse Universe

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



459999



44C7C7



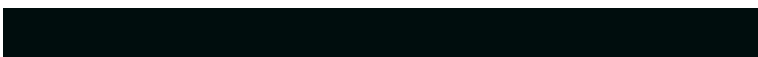
456F99



454D4D



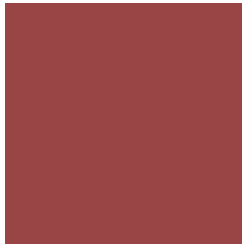
008C8C



000D0D

Previews

White Background



This preview shows how the Hex color 994545 looks on a white background.

Color Contrast Check

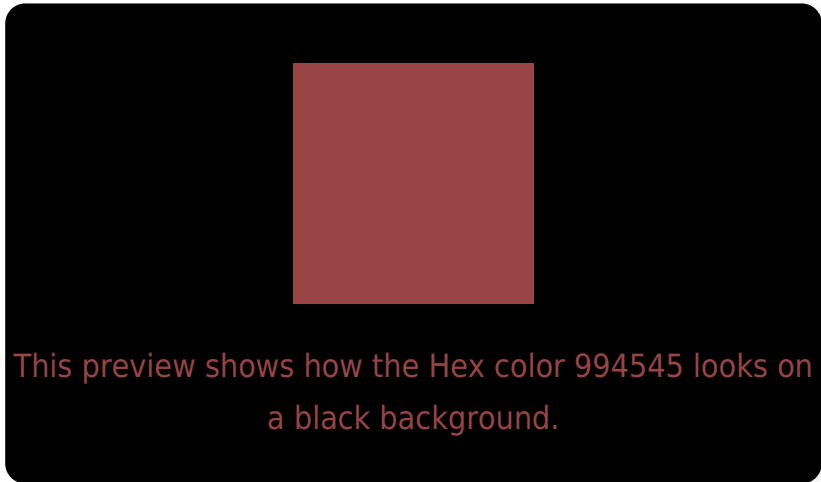
Large Text (above 18pt) WCAG AA ✓ Pass

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 994545 Background



This preview shows how black text looks on a background with the Hex color 994545.



This preview shows how white text looks on a background with the Hex color 994545.

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
994545

Protanopia
656051

Deuteranopia
735C41



Tritanopia
994449

Trichromacy



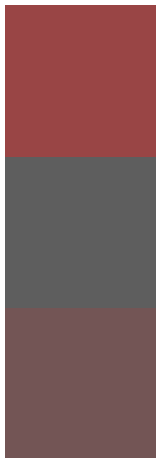
Original Color
994545

Protanomaly
78564D

Deuteranomaly
815442

Tritanomaly
994448

Monochromacy



Original Color
994545

Achromatopsia
5E5E5E

Achromatomaly
735555

CSS Examples

Text

The CSS property to change the color of the text to Hex 994545 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 #994545 looks like.

```
.text, #text, p{  
    color:#994545  
}
```

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 #994545 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #994545
}
```

Border

The CSS property to change the border of an element to Hex 994545 is called "border". The border property can be set on classes, ids or directly on the HTML element.

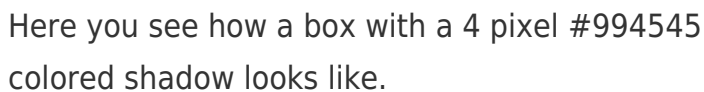
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#994545 }
```

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

```
.border{ border-color:#994545 }
```

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



Here you see how a box with a 4 pixel #994545 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #994545; -webkit-box-shadow:4px 4px  
4px 4px #994545; box-shadow:4px 4px 4px  
4px #994545 }
```

Background

The CSS property to change the background color of an element to Hex 994545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#994545 }
```

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

```
.background{ background-color:#994545 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor