

# Converting Colors

Hex(943329)

Have a look what the booklet for  
Hex(943329) contains.

<b>Hex(943329)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(943329)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	943329
RGB	148, 51, 41
RGB Percent	58%, 20%, 16%
CMY	0.4196, 0.8000, 0.8392
CMYK	0.00, 0.66, 0.72, 0.42
HSL	6°, 57%, 37%
HSV	6°, 72%, 58%
XYZ	13.7968, 8.8236, 3.0738
YIQ	78.8630, 61.0220, 17.4540

# Conversions

## Conversions Part 2

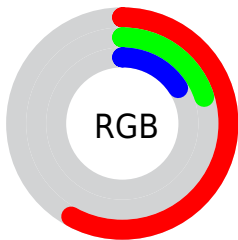
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	148, 52, 41
Decimal	9712425
CIE Lab	35.64, 40.18, 28.14
CIE LCh	36, 49.053, 35.008
Yxy	8.8236, 0.5370, 0.3434
Android (android.graphics.Color)	4287902505 (0xFF943329)
YUV	78.8630, -18.6665, 60.6331
Hunter-Lab	29.7046, 30.9242, 14.6580

# Details

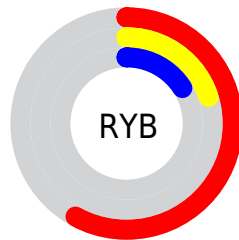
The Hex color **943329** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **298A94**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **CF6657**, and **5B0000** is the 20% darker color. If you saturate the color by 10%, you get **94261A**, and if you desaturate by 10%, it is **944038**.

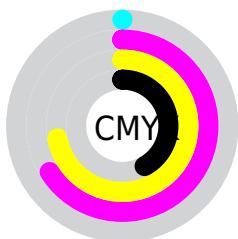
# Distribution



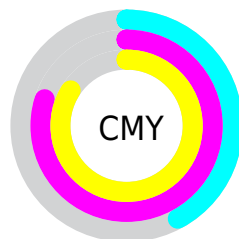
- Red (58%)
- Green (20%)
- Blue (16%)



- Red (58%)
- Yellow (20%)
- Blue (16%)



- Cyan (0%)
- Magenta (66%)
- Yellow (72%)
- Black (42%)



- Cyan (42%)
- Magenta (80%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 943329 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 943329 by changing the saturation by 10% instead.



 943329

 943329

FFFFFF

 771814

 CF6657

 5B0000

 EE816F

 3F0000

 FF9B89

 230001

 FFB7A3

 000000

 FFD3BE

 FFF0DA

 FFFFF7

 943329

 943329

■ 94261A

■ 944038

■ 94180B

■ 944E47

■ 940E00

■ 945B55

■ 946964

■ 947673

■ 948482

■ 949191

■ 949E9F

■ 94ACAE

# Harmonies

## Analogous

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



98284F



943329



7F4503

# Triad

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



943329



006331



0057A3

# Complementary

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



943329



298A94

# 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.



00619B



943329



00655A

# Square

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



943329



375E06



006580



5C4695

# Rectangle

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



943329



6B5000



006580



005BA2



# Sweetspot

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



943329



BF9995



94298B



614A48



E0E0E0



616161



# Same Dimension

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



943329



BF2819



946729



4A4343



8A0D00



0A0100



# Inverse Universe

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



298A94



19B0BF



295694



43494A



007D8A



00090A



# Previews

## White Background



This preview shows how the Hex color 943329 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

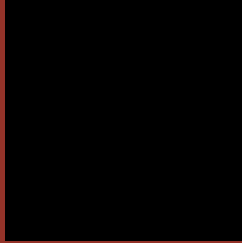
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 943329 Background



This preview shows how black text looks on a background with the Hex color 943329.



This preview shows how white text looks on a background with the Hex color 943329.

# 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



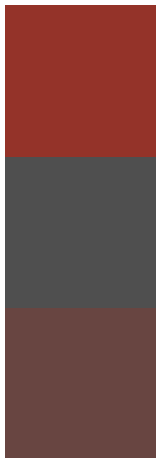
**Original Color**  
943329

**Protanomaly**  
714930

**Deuteranomaly**  
794625

**Tritanomaly**  
943230

# Monochromacy



**Original Color**  
943329

**Achromatopsia**  
4F4F4F

**Achromatomaly**  
684541

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 943329 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 #943329 looks like.

```
.text, #text, p{  
    color:#943329  
}
```

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 #943329 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #943329
}
```

## Border

The CSS property to change the border of an element to Hex 943329 is called "border". The border property can be set on classes, ids or directly on the HTML element.

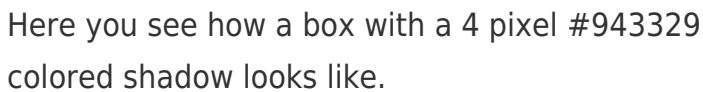
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#943329 }
```

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

```
.border{ border-color:#943329 }
```

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



Here you see how a box with a 4 pixel #943329 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #943329; -webkit-box-shadow:4px 4px  
4px 4px #943329; box-shadow:4px 4px 4px  
4px #943329 }
```

# Background

The CSS property to change the background color of an element to Hex 943329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#943329 }
```

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

```
.background{ background-color:#943329 }
```

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