

Converting Colors

Hex(955400)

Have a look what the booklet for
Hex(955400) contains.

Hex(955400)	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(955400)

Conversions

Conversions Part 1

Format	Color
Hex	955400
RGB	149, 84, 0
RGB Percent	58%, 33%, 0%
CMY	0.4157, 0.6706, 1.0000
CMYK	0.00, 0.44, 1.00, 0.42
HSL	34°, 100%, 29%
HSV	34°, 100%, 58%
XYZ	15.5647, 12.7302, 1.6368
YIQ	93.8590, 65.7040, -12.3440

Conversions

Conversions Part 2

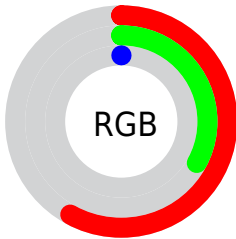
Format	Color
R_{YB}	115, 149, 0
Decimal	9786368
CIE Lab	42.35, 22.03, 51.25
CIE LCh	42, 55.782, 66.744
Yxy	12.7302, 0.5200, 0.4253
Android (android.graphics.Color)	4287976448 (0xFF955400)
YUV	93.8590, -46.2725, 48.3587
Hunter-Lab	35.6794, 15.4297, 22.2556

Details

The Hex color **955400** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **004195**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **D0863A**, and **5C2600** is the 20% darker color. If you saturate the color by 10%, you get **955400**, and if you desaturate by 10%, it is **955B0F**.

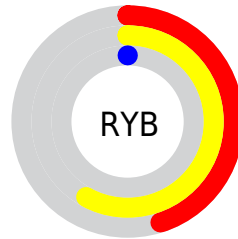
Distribution



Red (58%)

Green (33%)

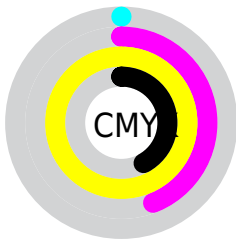
Blue (0%)



Red (45%)

Yellow (58%)

Blue (0%)

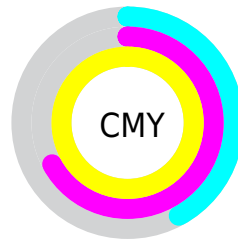


Cyan (0%)

Magenta (44%)

Yellow (100%)

Black (42%)



Cyan (42%)

Magenta (67%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 955400 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 955400 by changing the saturation by 10% instead.

 955400

 955400

 FFFFF7

 783C00

 D0863A

 5C2600

 EFA053

 401000

 FFBB6D

 280000

 FFD787

 000000

 FFF4A2

 FFFFBD

 FFFFDA

 955400

 955B0F

 95611E

 95682D

 956E3C

 95754B

 957B59

 958268

 958877

 958F86

Harmonies

Analogous

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



AE3F2F



955400



6F6500

Triad

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



955400



00796D



7153AE

Complementary

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



955400



004195

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.



0066C0



955400



00789A

Square

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



955400



00763D



0072B9



A23C89

Rectangle

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



955400



516D00



0072B9



575AB7

Sweetspot

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



955400



C2A888



950043



61523E



E0E0E0



616161

Same Dimension

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



955400



C26D00



8E9500



4A4743



8A4E00



0A0600

Inverse Universe

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



004195



0055C2



070095



43464A



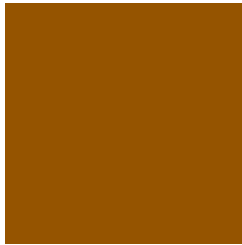
003C8A



00040A

Previews

White Background



This preview shows how the Hex color 955400 looks on a white background.

Color Contrast Check

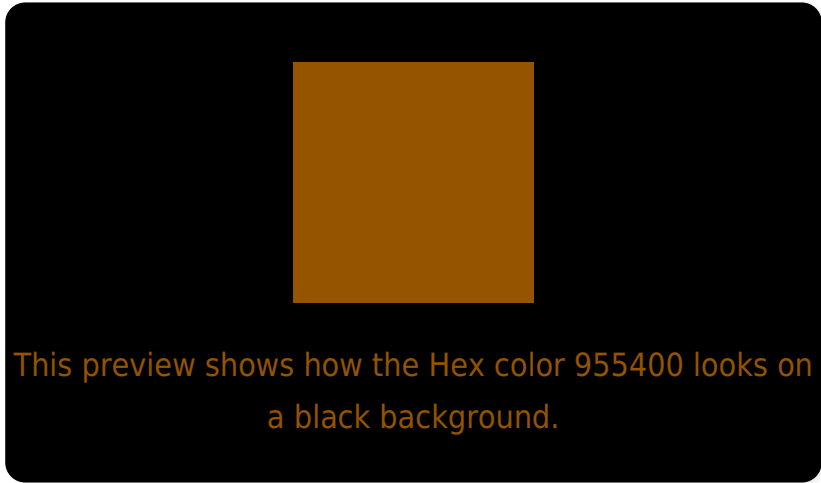
Large Text (above 18pt) WCAG AA ✓ Pass

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 955400 Background



This preview shows how black text looks on a background with the Hex color 955400.



This preview shows how white text looks on a background with the Hex color 955400.

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
955400

Protanopia
72650C

Deuteranopia
7F5F00



Tritanopia
984E54

Trichromacy



Original Color
955400

Protanomaly
7F5F08

Deuteranomaly
875B00

Tritanomaly
975035

Monochromacy



Original Color
955400

Achromatopsia
5E5E5E

Achromatomaly
725A3C

CSS Examples

Text

The CSS property to change the color of the text to Hex 955400 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 #955400 looks like.

```
.text, #text, p{  
    color:#955400  
}
```

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 #955400 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #955400
}
```

Border

The CSS property to change the border of an element to Hex 955400 is called "border". The border property can be set on classes, ids or directly on the HTML element.

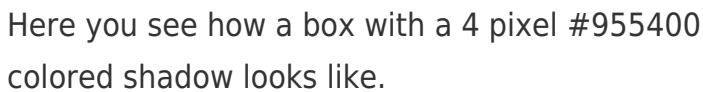
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#955400 }
```

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

```
.border{ border-color:#955400 }
```

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



Here you see how a box with a 4 pixel #955400 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #955400; -webkit-box-shadow:4px 4px  
4px 4px #955400; box-shadow:4px 4px 4px  
4px #955400 }
```

Background

The CSS property to change the background color of an element to Hex 955400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#955400 }
```

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

```
.background{ background-color:#955400 }
```

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