

Converting Colors

Hex(953D08)

Have a look what the booklet for
Hex(953D08) contains.

Hex(953D08)	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(953D08)

Conversions

Conversions Part 1

Format	Color
Hex	953D08
RGB	149, 61, 8
RGB Percent	58%, 24%, 3%
CMY	0.4157, 0.7608, 0.9686
CMYK	0.00, 0.59, 0.95, 0.42
HSL	23°, 90%, 31%
HSV	23°, 95%, 58%
XYZ	14.1070, 9.7446, 1.3671
YIQ	81.2700, 69.4610, 2.1730

Conversions

Conversions Part 2

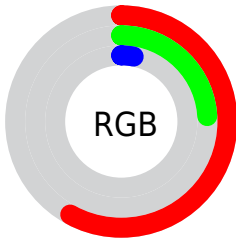
Format	Color
R_{YB}	149, 93, 8
Decimal	9780488
CIE Lab	37.38, 34.64, 45.55
CIE LCh	37, 57.227, 52.745
Yxy	9.7446, 0.5594, 0.3864
Android (android.graphics.Color)	4287970568 (0xFF953D08)
YUV	81.2700, -36.1221, 59.3992
Hunter-Lab	31.2163, 26.0376, 19.2548

Details

The Hex color **953D08** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **086095**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **D16F3B**, and **5B0900** is the 20% darker color. If you saturate the color by 10%, you get **953800**, and if you desaturate by 10%, it is **954617**.

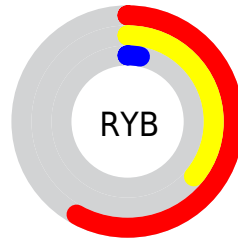
Distribution



Red (58%)

Green (24%)

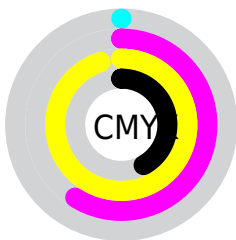
Blue (3%)



Red (58%)

Yellow (36%)

Blue (3%)

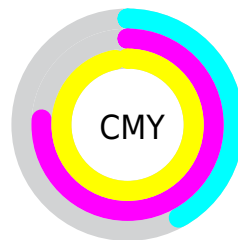


Cyan (0%)

Magenta (59%)

Yellow (95%)

Black (42%)



Cyan (42%)

Magenta (76%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 953D08 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 953D08 by changing the saturation by 10% instead.

 953D08

 953D08

 FFFFF5

 782400

 D16F3B

 5B0900

 F08953

 3E0000

 FFA46C

 250001

 FFC086

 000000

 FFDCA1

 FFF9BC

 FFFFD8

 953D08

 953D08

■ 953800

■ 954617

■ 955026

■ 955935

■ 956244

■ 956B53

■ 957561

■ 957E70

■ 95877F

■ 95918E

Harmonies

Analogous

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



A72437



953D08



755200

Triad

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



953D08



006B4B



3851AE

Complementary

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



953D08



086095

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.



0061B4



953D08



006C7B

Square

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



953D08



006819



0069A1



833891

Rectangle

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



953D08



595C00



0069A1



0057B3

Sweetspot

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



953D08



C2A08C



950861



614C40



E0E0E0



616161

Same Dimension

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



953D08



C24900



958208



4A4543



8A3400



0A0400

Inverse Universe

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



086095



0079C2



081B95



43474A



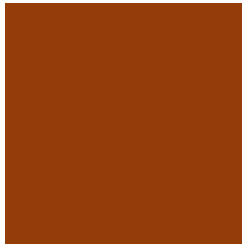
00568A



00060A

Previews

White Background



This preview shows how the Hex color 953D08 looks on a white background.

Color Contrast Check

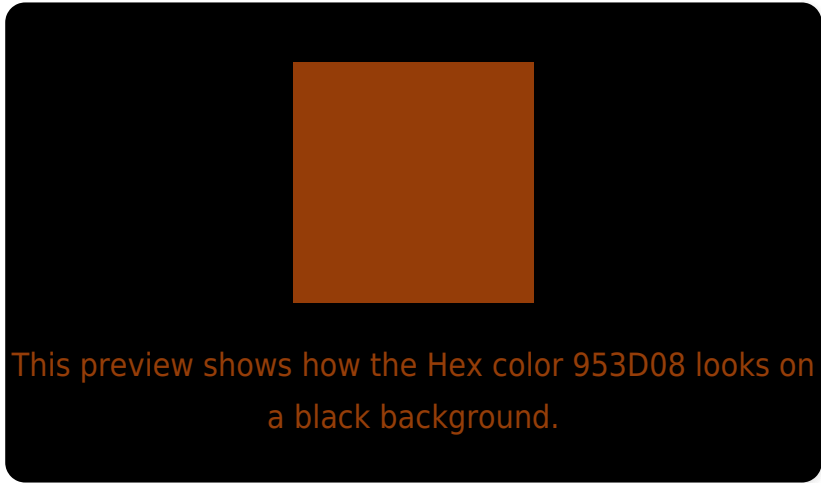
Large Text (above 18pt) WCAG AA ✓ Pass

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 953D08 Background



This preview shows how black text looks on a background with the Hex color 953D08.



This preview shows how white text looks on a background with the Hex color 953D08.

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
953D08

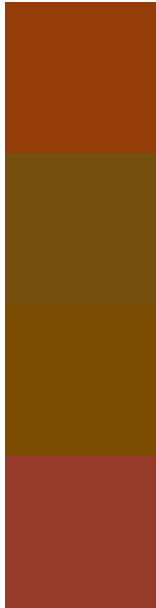
Protanopia
645911

Deuteranopia
705400



Tritanopia
96393C

Trichromacy



Original Color
953D08

Protanomaly
764F0E

Deuteranomaly
7D4C03

Tritanomaly
963A29

Monochromacy



Original Color
953D08

Achromatopsia
515151

Achromatomaly
6A4A36

CSS Examples

Text

The CSS property to change the color of the text to Hex 953D08 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 #953D08 looks like.

```
.text, #text, p{  
    color:#953D08  
}
```

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 #953D08 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #953D08
}
```

Border

The CSS property to change the border of an element to Hex 953D08 is called "border". The border property can be set on classes, ids or directly on the HTML element.

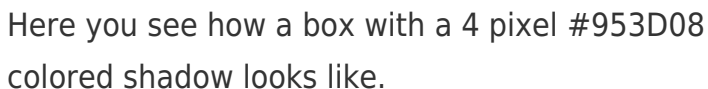
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#953D08 }
```

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

```
.border{ border-color:#953D08 }
```

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



Here you see how a box with a 4 pixel #953D08 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #953D08; -webkit-box-shadow:4px 4px  
4px 4px #953D08; box-shadow:4px 4px 4px  
4px #953D08 }
```

Background

The CSS property to change the background color of an element to Hex 953D08 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#953D08 }
```

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

```
.background{ background-color:#953D08 }
```

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