

Converting Colors

Hex(993E0D)

Have a look what the booklet for
Hex(993E0D) contains.

Hex(993E0D)	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(993E0D)

Conversions

Conversions Part 1

Format	Color
Hex	993E0D
RGB	153, 62, 13
RGB Percent	60%, 24%, 5%
CMY	0.4000, 0.7569, 0.9490
CMYK	0.00, 0.59, 0.92, 0.40
HSL	21°, 84%, 33%
HSV	21°, 92%, 60%
XYZ	14.9321, 10.2466, 1.5716
YIQ	83.6230, 69.9650, 4.0530

Conversions

Conversions Part 2

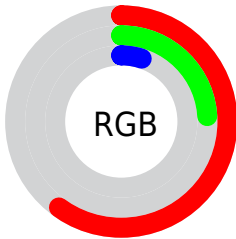
Format	Color
RYB	153, 88, 13
Decimal	10042893
CIELab	38.28, 35.82, 44.89
CIELCh	38, 57.434, 51.413
Yxy	10.2466, 0.5582, 0.3830
Android (android.graphics.Color)	4288232973 (0xFF993E0D)
YUV	83.6230, -34.8171, 60.8436
Hunter-Lab	32.0103, 27.2484, 19.4964

Details

The Hex color **993E0D** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **0D6899**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **D6703E**, and **5E0900** is the 20% darker color. If you saturate the color by 10%, you get **993600**, and if you desaturate by 10%, it is **99481C**.

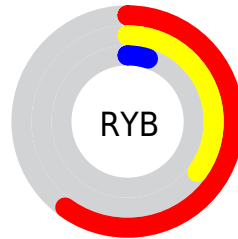
Distribution



Red (60%)

Green (24%)

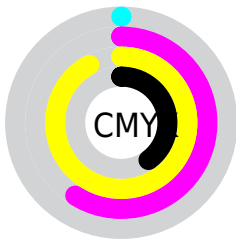
Blue (5%)



Red (60%)

Yellow (35%)

Blue (5%)

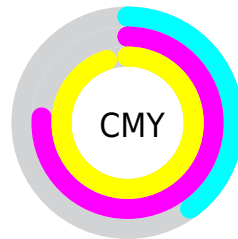


Cyan (0%)

Magenta (59%)

Yellow (92%)

Black (40%)



Cyan (40%)

Magenta (76%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 993E0D 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 993E0D by changing the saturation by 10% instead.

 993E0D

 993E0D

 FFFFF9

 7C2500

 D6703E

 5E0900

 F48B57

 420000

 FFA670

 290001

 FFC18A

 000000

 FFDDA5

 FFFAC0

 FFFFDC

 993E0D

 993E0D

■ 993600

■ 99481C

■ 99522C

■ 995C3B

■ 99664A

■ 997059

■ 997A69

■ 998478

■ 998E87

■ 999897

Harmonies

Analogous

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



AA263B



993E0D



795300

Triad

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



993E0D



006E4B



3454B2

Complementary

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



993E0D



0D6899

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.



0064B7



993E0D



006E7B

Square

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



993E0D



006A19



006CA3



843C95

Rectangle

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



993E0D



5E5E00



006CA3



005AB6

Sweetspot

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



993E0D



C7A491



990D68



634F44



E3E3E3



636363

Same Dimension

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



993E0D



C74600



99840D



4D4845



8C3100



0D0400

Inverse Universe

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



0D6899



0081C7



0D2299



454A4D



005B8C



00080D

Previews

White Background



This preview shows how the Hex color 993E0D looks on a white background.

Color Contrast Check

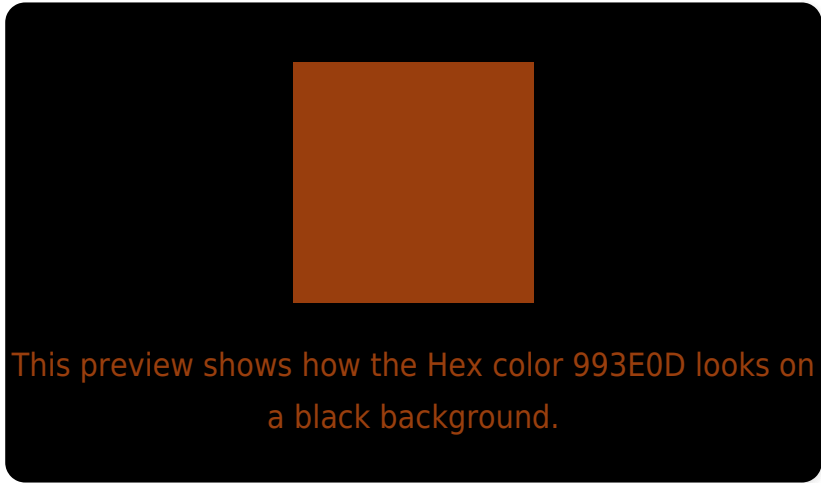
Large Text (above 18pt) WCAG AA ✓ Pass

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

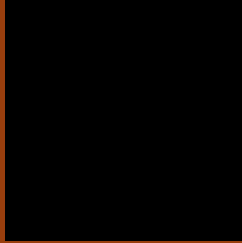
Any Text WCAG AA × Fail

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 993E0D Background



This preview shows how black text looks on a background with the Hex color 993E0D.



This preview shows how white text looks on a background with the Hex color 993E0D.

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
993E0D

Protanopia
665B15

Deuteranopia
735600



Tritanopia
9A3A3D

Trichromacy



Original Color
993E0D

Protanomaly
795012

Deuteranomaly
814D05

Tritanomaly
9A3B2C

Monochromacy



Original Color
993E0D

Achromatopsia
545454

Achromatomaly
6D4C3A

CSS Examples

Text

The CSS property to change the color of the text to Hex 993E0D 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 #993E0D looks like.

```
.text, #text, p{  
    color:#993E0D  
}
```

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 #993E0D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #993E0D
}
```

Border

The CSS property to change the border of an element to Hex 993E0D is called "border". The border property can be set on classes, ids or directly on the HTML element.

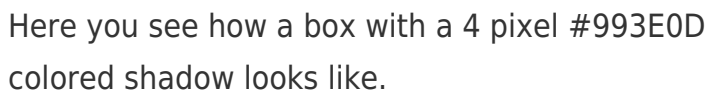
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#993E0D }
```

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

```
.border{ border-color:#993E0D }
```

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



Here you see how a box with a 4 pixel #993E0D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #993E0D; -webkit-box-shadow:4px 4px  
4px 4px #993E0D; box-shadow:4px 4px 4px  
4px #993E0D }
```

Background

The CSS property to change the background color of an element to Hex 993E0D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#993E0D }
```

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

```
.background{ background-color:#993E0D }
```

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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