

Converting Colors

Hex(993D17)

Have a look what the booklet for
Hex(993D17) contains.

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Color

Hex(993D17)

Conversions

Conversions Part 1

Format	Color
Hex	993D17
RGB	153, 61, 23
RGB Percent	60%, 24%, 9%
CMY	0.4000, 0.7608, 0.9098
CMYK	0.00, 0.60, 0.85, 0.40
HSL	18°, 74%, 35%
HSV	18°, 85%, 60%
XYZ	14.9603, 10.1717, 1.9854
YIQ	84.1760, 67.0300, 7.6860

Conversions

Conversions Part 2

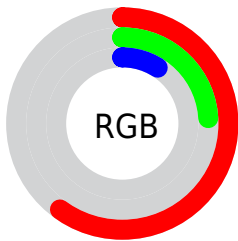
Format	Color
R_{YB}	153, 77, 23
Decimal	10042647
CIE Lab	38.15, 36.56, 40.72
CIE LCh	38, 54.725, 48.078
Yxy	10.1717, 0.5517, 0.3751
Android (android.graphics.Color)	4288232727 (0xFF993D17)
YUV	84.1760, -30.1598, 60.3586
Hunter-Lab	31.8930, 27.9173, 18.6341

Details

The Hex color **993D17** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **177399**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **D57046**, and **5F0700** is the 20% darker color. If you saturate the color by 10%, you get **993208**, and if you desaturate by 10%, it is **994826**.

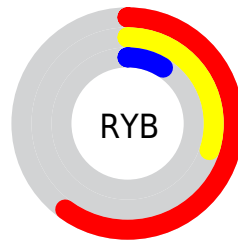
Distribution



Red (60%)

Green (24%)

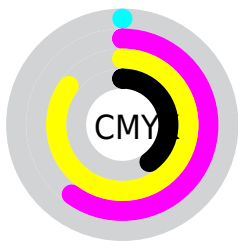
Blue (9%)



Red (60%)

Yellow (30%)

Blue (9%)

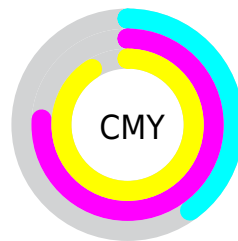


Cyan (0%)

Magenta (60%)

Yellow (85%)

Black (40%)



Cyan (40%)

Magenta (76%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 993D17 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 993D17 by changing the saturation by 10% instead.

 993D17

 993D17

FFFFFF

 7C2400

 D57046

 5F0700

 F48A5E

 420000

 FFA578

 290001

 FFC092

 000000

 FFDDAD

 FFFAC8

 FFFFE4

 993D17

 993D17

■ 993208

■ 994826

■ 992D00

■ 995336

■ 995D45

■ 996854

■ 997364

■ 997E73

■ 998982

■ 999491

■ 999EA1

Harmonies

Analogous

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



A72941



993D17



7C5100

Triad

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



993D17



006C46



2956AF

Complementary

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



993D17



177399

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.



0064B1



993D17



006E74

Square

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



993D17



156817



006B9B



7C4096

Rectangle

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



993D17



625C00



006B9B



005BB2

Sweetspot

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



993D17



C7A495



991774



634E46



E3E3E3



636363

Same Dimension

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



993D17



C73A00



997D17



4D4745



8C2900



0D0400

Inverse Universe

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



177399



008DC7



173399



454A4D



00638C



00090D

Previews

White Background



This preview shows how the Hex color 993D17 looks on a white background.

Color Contrast Check

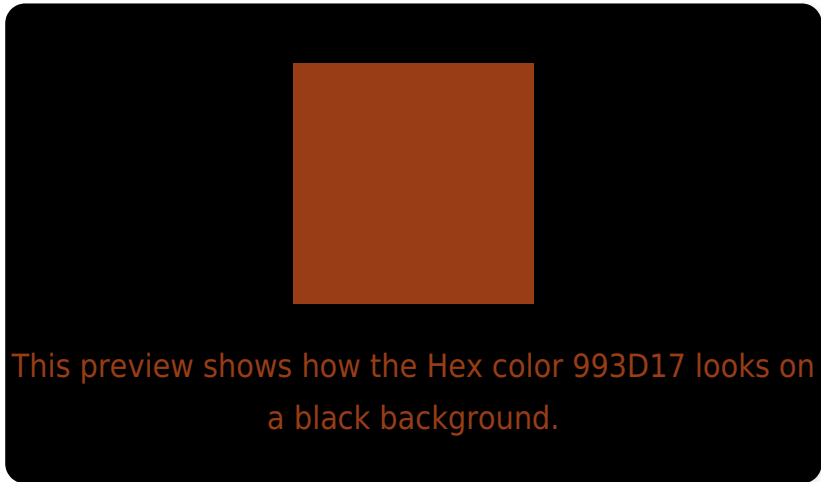
Large Text (above 18pt) WCAG AA ✓ Pass

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

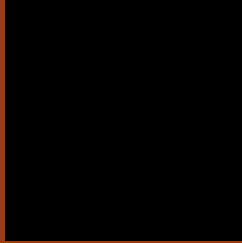
Any Text WCAG AA × Fail

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 993D17 Background



This preview shows how black text looks on a background with the Hex color 993D17.

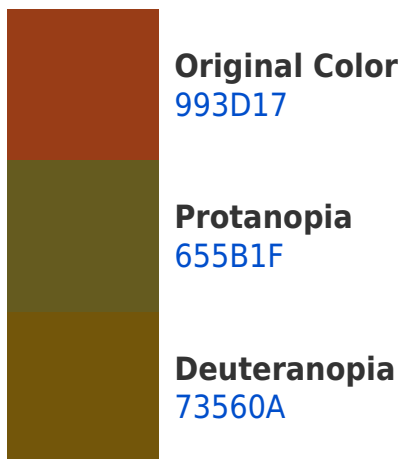



This preview shows how white text looks on a background with the Hex color 993D17.

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





Tritanopia
9A393D

Trichromacy



Original Color
993D17

Protanomaly
78501C

Deuteranomaly
814D0F

Tritanomaly
9A3A2F

Monochromacy



Original Color
993D17

Achromatopsia
545454

Achromatomaly
6D4C3E

CSS Examples

Text

The CSS property to change the color of the text to Hex 993D17 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 #993D17 looks like.

```
.text, #text, p{  
    color:#993D17  
}
```

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 #993D17 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #993D17
}
```

Border

The CSS property to change the border of an element to Hex 993D17 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
#993D17 }
```

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

```
.border{ border-color:#993D17 }
```

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

Here you see how a box with a 4 pixel #993D17 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #993D17; -webkit-box-shadow:4px 4px  
4px 4px #993D17; box-shadow:4px 4px 4px  
4px #993D17 }
```

Background

The CSS property to change the background color of an element to Hex 993D17 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#993D17 }
```

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

```
.background{ background-color:#993D17 }
```

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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