

# Converting Colors

Hex(991E0D)

Have a look what the booklet for  
Hex(991E0D) contains.

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# Color

**Hex(991E0D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	991E0D
RGB	153, 30, 13
RGB Percent	60%, 12%, 5%
CMY	0.4000, 0.8824, 0.9490
CMYK	0.00, 0.80, 0.92, 0.40
HSL	7°, 84%, 33%
HSV	7°, 92%, 60%
XYZ	13.6738, 7.7299, 1.1521
YIQ	64.8390, 78.7650, 20.7890

# Conversions

## Conversions Part 2

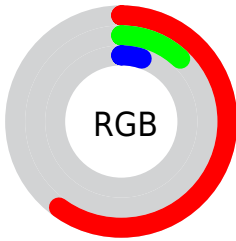
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	153, 32, 13
Decimal	10034701
CIE <sub>Lab</sub>	33.41, 49.00, 41.29
CIE <sub>LCh</sub>	33, 64.076, 40.118
Yxy	7.7299, 0.6062, 0.3427
Android (android.graphics.Color)	4288224781 (0xFF991E0D)
YUV	64.8390, -25.5566, 77.3172
Hunter-Lab	27.8027, 39.1342, 17.0050

# Details

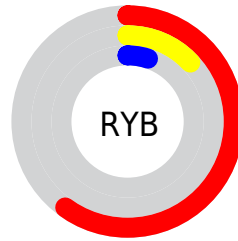
The Hex color **991E0D** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **0D8899**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **D7563B**, and **5D0000** is the 20% darker color. If you saturate the color by 10%, you get **991300**, and if you desaturate by 10%, it is **992B1C**.

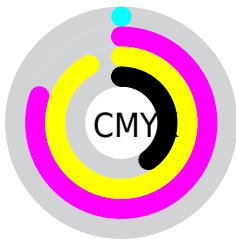
# Distribution



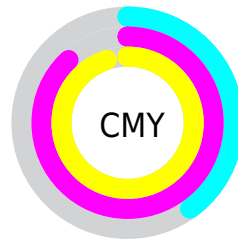
- Red (60%)
- Green (12%)
- Blue (5%)



- Red (60%)
- Yellow (13%)
- Blue (5%)



- Cyan (0%)
- Magenta (80%)
- Yellow (92%)
- Black (40%)



- Cyan (40%)
- Magenta (88%)
- Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 991E0D 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 991E0D by changing the saturation by 10% instead.



 991E0D

 991E0D

 FFFFF3

 7B0000

 D7563B

 5D0000

 F67153

 400001

 FF8C6B

 220001

 FFA885

 000000

 FFC49F

 FFE1BB

 FFFED7

 991E0D

 991E0D

■ 991300

■ 992B1C

■ 99392C

■ 99463B

■ 99544A

■ 996159

■ 996F69

■ 997C78

■ 998A87

■ 999797

# Harmonies

## Analogous

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



A40040



991E0D



7C3F00

# Triad

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



991E0D



006129



0050B4

# Complementary

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



991E0D



0D8899

# 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.



005EAF



991E0D



00635F

# Square

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



991E0D



0A5C00



006390



62369D

# Rectangle

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



991E0D



614D00



006390



0056B6



# Sweetspot

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



991E0D



C79891



990D89



634744



E3E3E3



636363



# Same Dimension

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



991E0D



C71800



99630D



4D4645



8C1100



0D0200



# Inverse Universe

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



0D8899



00AFC7



0D4399



454C4D



007B8C



000B0D



# Previews

## White Background



This preview shows how the Hex color 991E0D looks on a white background.

## Color Contrast Check

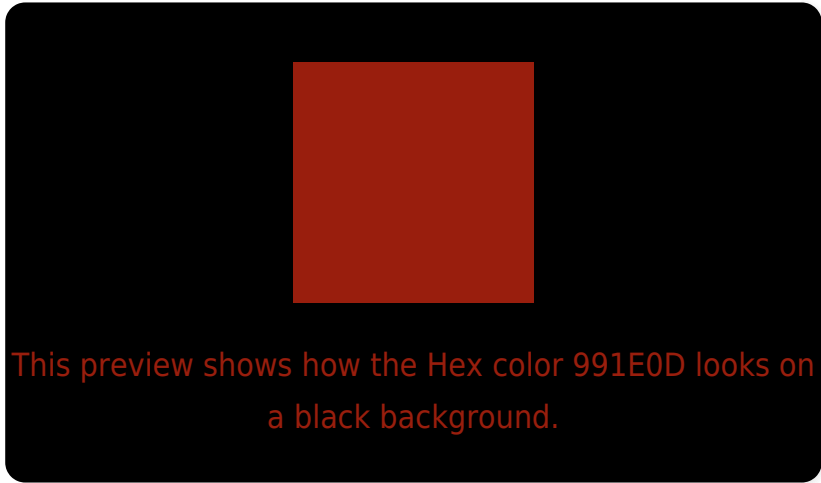
Large Text (above 18pt) WCAG AA ✓ Pass

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 991E0D Background



This preview shows how black text looks on a background with the Hex color 991E0D.



This preview shows how white text looks on a background with the Hex color 991E0D.

# 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**  
991E0D

**Protanopia**  
5A5019

**Deuteranopia**  
654C00



# Trichromacy



**Original Color**  
991E0D

**Protanomaly**  
713E15

**Deuteranomaly**  
783B05

**Tritanomaly**  
991D17

# Monochromacy



**Original Color**  
991E0D

**Achromatopsia**  
414141

**Achromatomaly**  
61342E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 991E0D 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 #991E0D looks like.

```
.text, #text, p{  
  color:#991E0D  
}
```

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 #991E0D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #991E0D }  
}
```

## Border

The CSS property to change the border of an element to Hex 991E0D is called "border". The border property can be set on classes, ids or directly on the HTML element.

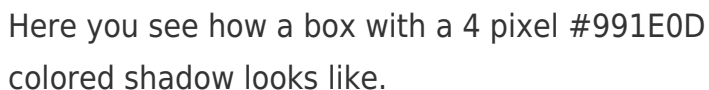
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #991E0D }  
}
```

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

```
.border{ border-color:#991E0D }
```

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



Here you see how a box with a 4 pixel #991E0D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #991E0D; -webkit-box-shadow:4px 4px  
4px 4px #991E0D; box-shadow:4px 4px 4px  
4px #991E0D }
```

# Background

The CSS property to change the background color of an element to Hex 991E0D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#991E0D }
```

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

```
.background{ background-color:#991E0D }
```

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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