

# Converting Colors

Hex(995B1D)

Have a look what the booklet for  
Hex(995B1D) contains.

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**Color**

**Hex(995B1D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	995B1D
RGB	153, 91, 29
RGB Percent	60%, 36%, 11%
CMY	0.4000, 0.6431, 0.8863
CMYK	0.00, 0.41, 0.81, 0.40
HSL	30°, 68%, 36%
HSV	30°, 81%, 60%
XYZ	17.0997, 14.3432, 3.0297
YIQ	102.4700, 56.8540, -6.1380

# Conversions

## Conversions Part 2

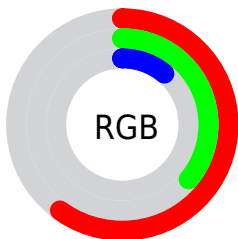
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	153, 153, 29
Decimal	10050333
CIE Lab	44.72, 20.53, 44.09
CIE LCh	45, 48.634, 65.026
Yxy	14.3432, 0.4960, 0.4161
Android (android.graphics.Color)	4288240413 (0xFF995B1D)
YUV	102.4700, -36.2207, 44.3148
Hunter-Lab	37.8724, 14.3177, 21.7677

# Details

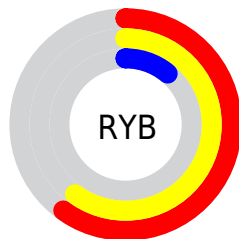
The Hex color **995B1D** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **1D5B99**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **D48D4E**, and **612C00** is the 20% darker color. If you saturate the color by 10%, you get **99530E**, and if you desaturate by 10%, it is **99632C**.

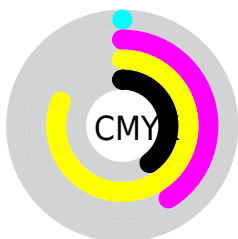
# Distribution



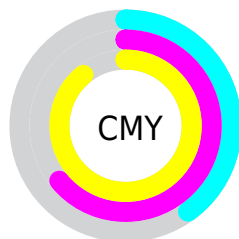
- Red (60%)
- Green (36%)
- Blue (11%)



- Red (60%)
- Yellow (60%)
- Blue (11%)



- Cyan (0%)
- Magenta (41%)
- Yellow (81%)
- Black (40%)



- Cyan (40%)
- Magenta (64%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 995B1D 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 995B1D by changing the saturation by 10% instead.



 995B1D

 995B1D

FFFFFF

 7C4302

 D48D4E

 612C00

 F2A867

 451700

 FFC381

 2B0000

 FFDF9B

 000000

 FFFCB7

 FFFFD3

 FFFFEF

 995B1D

 995B1D

■ 99530E

■ 99632C

■ 994D00

■ 996A3C

■ 99724B

■ 997A5A

■ 99816A

■ 998979

■ 999188

■ 999897

■ 99A0A7

# Harmonies

## Analogous

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



AE4B3E



995B1D



786A0C

# Triad

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



995B1D



007D70



745CAD

# Complementary

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



995B1D



1D5B99

# 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.



006CBB



995B1D



007C97

# Square

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



995B1D



007B46



0077B3



A04B8D

# Rectangle

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



995B1D



5D7217



0077B3



5D62B4



# Sweetspot

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



995B1D



C7AF97



991D5B



635547



E3E3E3



636363



# Same Dimension

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



995B1D



C76606



99991D



4D4945



8C4600



0D0600



# Inverse Universe

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



1D5B99



0666C7



1D1D99



45494D



00468C



00060D



# Previews

## White Background



This preview shows how the Hex color 995B1D looks on a white background.

## Color Contrast Check

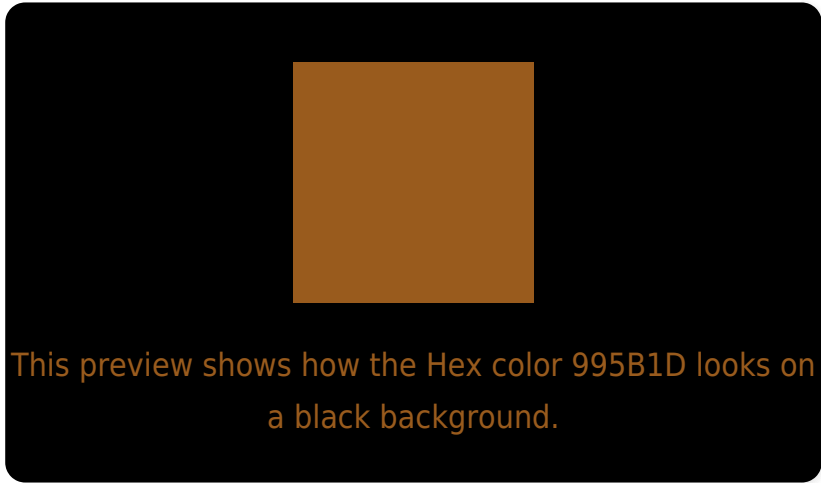
Large Text (above 18pt) WCAG AA ✓ Pass

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 995B1D Background



This preview shows how black text looks on a background with the Hex color 995B1D.



This preview shows how white text looks on a background with the Hex color 995B1D.

# 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**  
995B1D

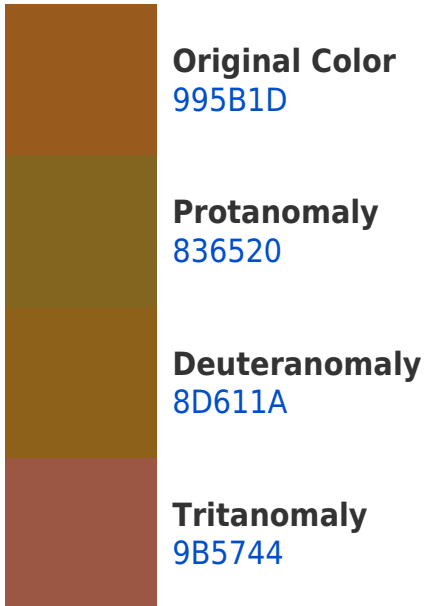
**Protanopia**  
776B21

**Deuteranopia**  
866519

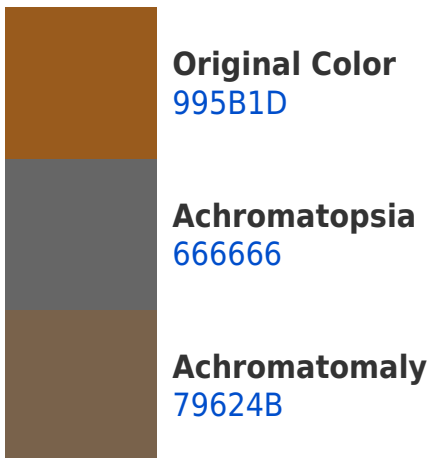


**Tritanopia**  
9C555B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 995B1D 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 #995B1D looks like.

```
.text, #text, p{  
    color:#995B1D  
}
```

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 #995B1D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #995B1D
}
```

## Border

The CSS property to change the border of an element to Hex 995B1D 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
#995B1D }
```

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

```
.border{ border-color:#995B1D }
```

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

Here you see how a box with a 4 pixel #995B1D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #995B1D; -webkit-box-shadow:4px 4px  
4px 4px #995B1D; box-shadow:4px 4px 4px  
4px #995B1D }
```

# Background

The CSS property to change the background color of an element to Hex 995B1D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#995B1D }
```

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

```
.background{ background-color:#995B1D }
```

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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