

Converting Colors

Hex(991D42)

Have a look what the booklet for
Hex(991D42) contains.

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Color

Hex(991D42)

Conversions

Conversions Part 1

Format	Color
Hex	991D42
RGB	153, 29, 66
RGB Percent	60%, 11%, 26%
CMY	0.4000, 0.8863, 0.7412
CMYK	0.00, 0.81, 0.57, 0.40
HSL	342°, 68%, 36%
HSV	342°, 81%, 60%
XYZ	14.5596, 8.0444, 5.9396
YIQ	70.2940, 62.0270, 37.7950

Conversions

Conversions Part 2

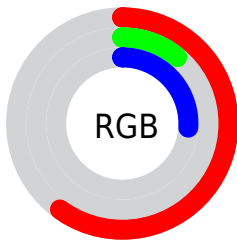
Format	Color
R_{YB}	153, 29, 66
Decimal	10034498
CIE _{Lab}	34.08, 51.69, 10.49
CIE _{LCh}	34, 52.742, 11.467
Yxy	8.0444, 0.5101, 0.2818
Android (android.graphics.Color)	4288224578 (0xFF991D42)
YUV	70.2940, -2.1169, 72.5332
Hunter-Lab	28.3626, 41.9962, 7.4375

Details

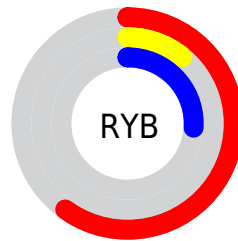
The Hex color **991D42** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **1D9974**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **D45772**, and **5F0018** is the 20% darker color. If you saturate the color by 10%, you get **990E37**, and if you desaturate by 10%, it is **992C4D**.

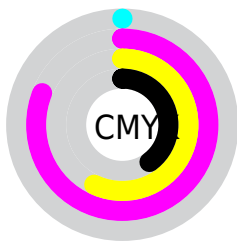
Distribution



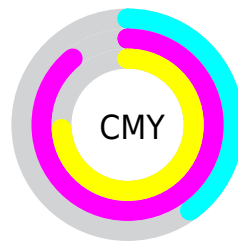
- Red (60%)
- Green (11%)
- Blue (26%)



- Red (60%)
- Yellow (11%)
- Blue (26%)



- Cyan (0%)
- Magenta (81%)
- Yellow (57%)
- Black (40%)



- Cyan (40%)
- Magenta (89%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 991D42 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 991D42 by changing the saturation by 10% instead.

 991D42

 991D42

FFFFFF

 7C002C

 D45772

 5F0018

 F3728B

 440001

 FF8DA5

 270001

 FFA9C0

 000000

 FFC6DC

 FFE3F9

 991D42

 991D42

 990E37

 992C4D

■ 99002E

■ 993C57

■ 994B62

■ 995A6D

■ 996A78

■ 997982

■ 99888D

■ 999798

■ 99A7A3

Harmonies

Analogous

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



8D256C



991D42



902F1A

Triad

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



991D42



215C03



005CA0

Complementary

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



991D42



1D9974

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.



006187



991D42



006134

Square

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



991D42



535300



006260



0050A3

Rectangle

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



991D42



803E00



006260



005E9A

Sweetspot

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



991D42



C797A5



741D99



63474F



E3E3E3



636363

Same Dimension

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



991D42



C70640



99361D



4D4547



8C002A



0D0004

Inverse Universe

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



991D42



C70640



1D8099



4D4547



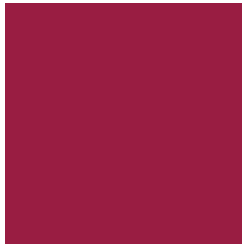
8C002A



0D0004

Previews

White Background



This preview shows how the Hex color 991D42 looks on a white background.

Color Contrast Check

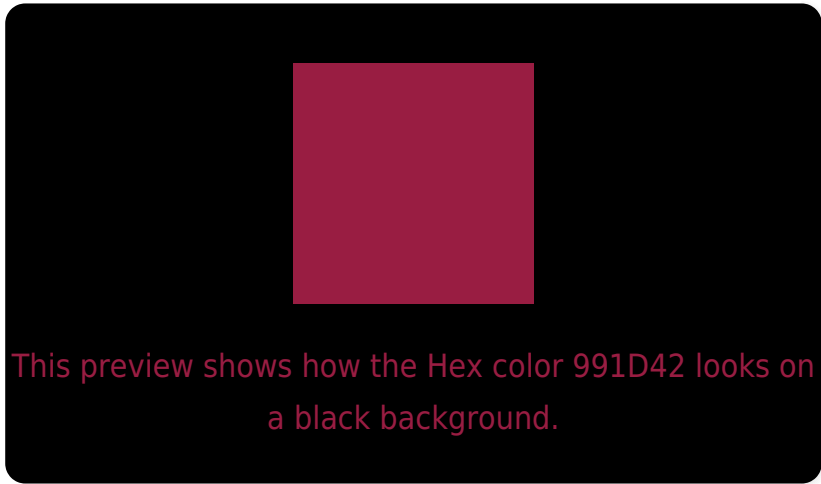
Large Text (above 18pt) WCAG AA ✓ Pass

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 991D42 Background



This preview shows how black text looks on a background with the Hex color 991D42.

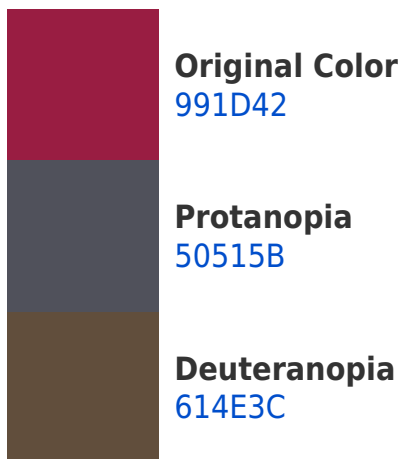


This preview shows how white text looks on a background with the Hex color 991D42.

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



Trichromacy



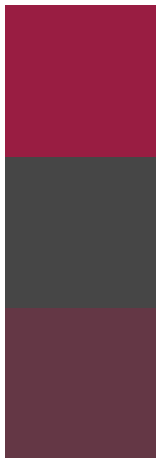
Original Color
991D42

Protanomaly
6B3E52

Deuteranomaly
753C3E

Tritanomaly
982130

Monochromacy



Original Color
991D42

Achromatopsia
464646

Achromatomaly
643745

CSS Examples

Text

The CSS property to change the color of the text to Hex 991D42 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 #991D42 looks like.

```
.text, #text, p{  
    color:#991D42  
}
```

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 #991D42 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #991D42
}
```

Border

The CSS property to change the border of an element to Hex 991D42 is called "border". The border property can be set on classes, ids or directly on the HTML element.

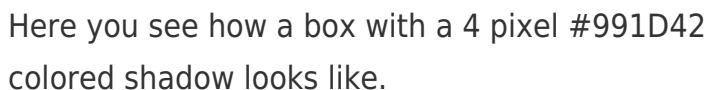
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#991D42 }
```

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

```
.border{ border-color:#991D42 }
```

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



Here you see how a box with a 4 pixel #991D42 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #991D42; -webkit-box-shadow:4px 4px  
4px 4px #991D42; box-shadow:4px 4px 4px  
4px #991D42 }
```

Background

The CSS property to change the background color of an element to Hex 991D42 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#991D42 }
```

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

```
.background{ background-color:#991D42 }
```

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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