

# Converting Colors

Hex(991F56)

Have a look what the booklet for  
Hex(991F56) contains.

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**Color**

**Hex(991F56)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	991F56
RGB	153, 31, 86
RGB Percent	60%, 12%, 34%
CMY	0.4000, 0.8784, 0.6627
CMYK	0.00, 0.80, 0.44, 0.40
HSL	333°, 66%, 36%
HSV	333°, 80%, 60%
XYZ	15.3066, 8.4242, 9.6234
YIQ	73.7480, 55.0570, 42.9690

# Conversions

## Conversions Part 2

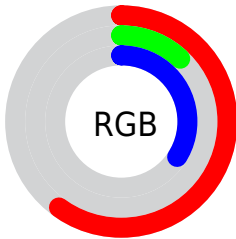
<b>Format</b>	<b>Color</b>
<b>RYB</b>	153, 31, 86
Decimal	10035030
CIELab	34.85, 52.84, -1.41
CIElCh	35, 52.863, 358.468
Yxy	8.4242, 0.4589, 0.2526
Android (android.graphics.Color)	4288225110 (0xFF991F56)
YUV	73.7480, 6.0402, 69.5040
Hunter-Lab	29.0244, 43.3426, 0.6588

# Details

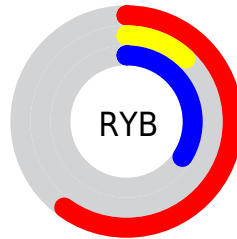
The Hex color **991F56** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **1F9962**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **D35988**, and **600029** is the 20% darker color. If you saturate the color by 10%, you get **99104E**, and if you desaturate by 10%, it is **992E5E**.

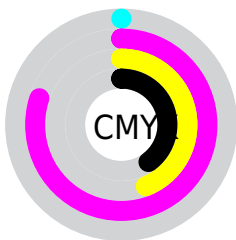
# Distribution



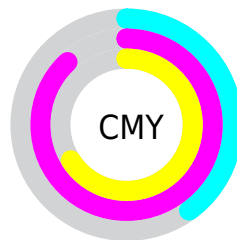
- Red (60%)
- Green (12%)
- Blue (34%)



- Red (60%)
- Yellow (12%)
- Blue (34%)



- Cyan (0%)
- Magenta (80%)
- Yellow (44%)
- Black (40%)



- Cyan (40%)
- Magenta (88%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 991F56 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 991F56 by changing the saturation by 10% instead.



 991F56

 991F56

FFFFFF

 7D003F

 D35988

 600029

 F174A2

 450015

 FF8FBD

 2B0001

 FFABD8

 000000

 FFC8F5

 FFE5FF

 991F56

 991F56

 99104E

 992E5E

990045

993E67

994D6F

995C78

996B80

997B88

998A91

999999

99A9A2

# Harmonies

## Analogous

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



81317F



991F56



98282D

# Triad

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



991F56



3C5B00



00619A

# Complementary

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



991F56



1F9962

# 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.



006479



991F56



006122

# Square

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



991F56



664F00



00644E



0058A7

# Rectangle

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



991F56



8D3711



00644E



006391



# Sweetspot

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



991F56



C797AD



601F99



634754



E3E3E3



636363



# Same Dimension

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



991F56



C7085E



99231F



4D4548



8C003F



0D0006



# Inverse Universe

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



991F56



C7085E



1F9599



4D4548



8C003F

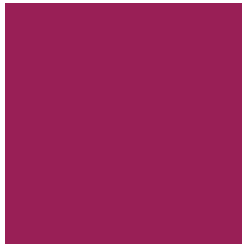


0D0006



# Previews

## White Background



This preview shows how the Hex color 991F56 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

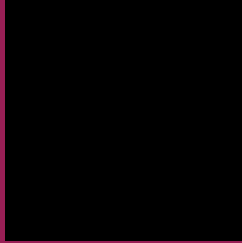
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 991F56 Background



This preview shows how black text looks on a background with the Hex color 991F56.



This preview shows how white text looks on a background with the Hex color 991F56.

# 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**  
972B2D

# Trichromacy



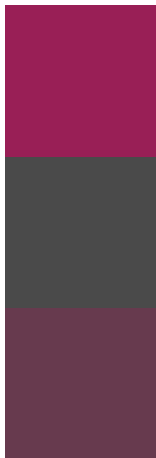
**Original Color**  
991F56

**Protanomaly**  
663F6A

**Deuteranomaly**  
733F52

**Tritanomaly**  
98273C

# Monochromacy



**Original Color**  
991F56

**Achromatopsia**  
4A4A4A

**Achromatomaly**  
673A4E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 991F56 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 #991F56 looks like.

```
.text, #text, p{  
    color:#991F56  
}
```

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 #991F56 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #991F56  
}
```

## Border

The CSS property to change the border of an element to Hex 991F56 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  
#991F56 }
```

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

```
.border{ border-color:#991F56 }
```

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

Here you see how a box with a 4 pixel #991F56 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #991F56; -webkit-box-shadow:4px 4px  
4px 4px #991F56; box-shadow:4px 4px 4px  
4px #991F56 }
```

# Background

The CSS property to change the background color of an element to Hex 991F56 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#991F56 }
```

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

```
.background{ background-color:#991F56 }
```

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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