

# Converting Colors

Hex(99212E)

Have a look what the booklet for  
Hex(99212E) contains.

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# Color

**Hex(99212E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	99212E
RGB	153, 33, 46
RGB Percent	60%, 13%, 18%
CMY	0.4000, 0.8706, 0.8196
CMYK	0.00, 0.78, 0.70, 0.40
HSL	354°, 65%, 36%
HSV	354°, 78%, 60%
XYZ	14.1739, 8.0573, 3.3929
YIQ	70.3620, 67.3470, 29.4830

# Conversions

## Conversions Part 2

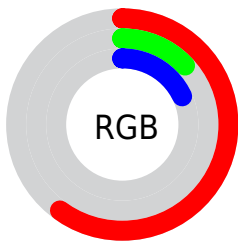
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	153, 33, 46
Decimal	10035502
CIE <sub>Lab</sub>	34.10, 49.19, 23.45
CIE <sub>LCh</sub>	34, 54.493, 25.484
Yxy	8.0573, 0.5531, 0.3144
Android (android.graphics.Color)	4288225582 (0xFF99212E)
YUV	70.3620, -12.0105, 72.4735
Hunter-Lab	28.3853, 39.4574, 12.7827

# Details

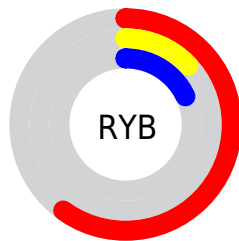
The Hex color **99212E** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **21998C**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **D5595C**, and **5F0000** is the 20% darker color. If you saturate the color by 10%, you get **991220**, and if you desaturate by 10%, it is **99303C**.

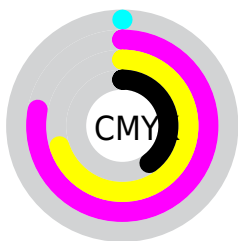
# Distribution



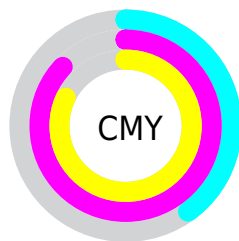
- Red (60%)
- Green (13%)
- Blue (18%)



- Red (60%)
- Yellow (13%)
- Blue (18%)



- Cyan (0%)
- Magenta (78%)
- Yellow (70%)
- Black (40%)



- Cyan (40%)
- Magenta (87%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 99212E 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 99212E by changing the saturation by 10% instead.



 99212E

 99212E

FFFFFF

 7B0019

 D5595C

 5F0000

 F47474

 420000

 FF8F8E

 250001

 FFABA8

 000000

 FFC7C4

 FFE4DF

 FFFFFC

 99212E

 99212E

■ 991220

■ 99303C

■ 990213

■ 994049

■ 990011

■ 994F57

■ 995E65

■ 996D72

■ 997D80

■ 998C8D

■ 999B9B

■ 99ABA9

# Harmonies

## Analogous

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



981959



99212E



873901

# Triad

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



99212E



005F1A



0058A7

# Complementary

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



99212E



21998C

# 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.



006098



99212E



006248

# Square

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



99212E



3E5900



006374



3C489F

# Rectangle

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



99212E



734700



006374



005BA5



# Sweetspot

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



99212E



C7979C



8B2199



63474A



E3E3E3



636363



# Same Dimension

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



99212E



C70C20



994F21



4D4546



8C000F



0D0001



# Inverse Universe

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



99212E



C70C20



216B99



4D4546



8C000F



0D0001



# Previews

## White Background



This preview shows how the Hex color 99212E looks on a white background.

## Color Contrast Check

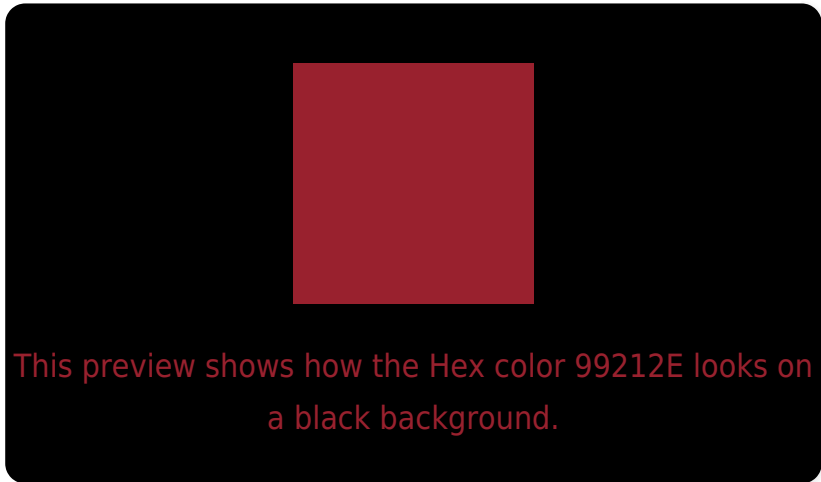
Large Text (above 18pt) WCAG AA ✓ Pass

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 99212E Background



This preview shows how black text looks on a background with the Hex color 99212E.



This preview shows how white text looks on a background with the Hex color 99212E.

# 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**  
99212E

**Protanopia**  
575240

**Deuteranopia**  
654E27



# Trichromacy



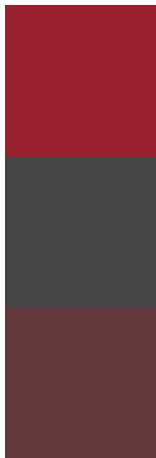
**Original Color**  
99212E

**Protanomaly**  
6F4039

**Deuteranomaly**  
783E2A

**Tritanomaly**  
992228

# Monochromacy



**Original Color**  
99212E

**Achromatopsia**  
464646

**Achromatomaly**  
64393D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 99212E 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 #99212E looks like.

```
.text, #text, p{  
    color:#99212E  
}
```

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 #99212E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99212E
}
```

## Border

The CSS property to change the border of an element to Hex 99212E is called "border". The border property can be set on classes, ids or directly on the HTML element.

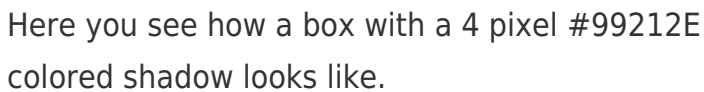
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#99212E }
```

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

```
.border{ border-color:#99212E }
```

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



Here you see how a box with a 4 pixel #99212E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99212E; -webkit-box-shadow:4px 4px  
4px 4px #99212E; box-shadow:4px 4px 4px  
4px #99212E }
```

# Background

The CSS property to change the background color of an element to Hex 99212E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99212E }
```

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

```
.background{ background-color:#99212E }
```

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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