

Converting Colors

Hex(9C3212)

Have a look what the booklet for
Hex(9C3212) contains.

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Color

Hex(9C3212)

Conversions

Conversions Part 1

Format	Color
Hex	9C3212
RGB	156, 50, 18
RGB Percent	61%, 20%, 7%
CMY	0.3882, 0.8039, 0.9294
CMYK	0.00, 0.68, 0.88, 0.39
HSL	14°, 79%, 34%
HSV	14°, 88%, 61%
XYZ	14.9601, 9.3928, 1.5968
YIQ	78.0460, 73.4480, 12.5200

Conversions

Conversions Part 2

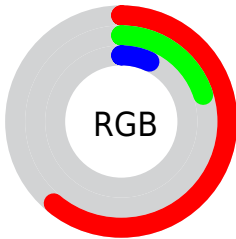
Format	Color
R _Y B	156, 60, 18
Decimal	10236434
CIE Lab	36.73, 42.68, 41.96
CIE LCh	37, 59.850, 44.514
Yxy	9.3928, 0.5765, 0.3620
Android (android.graphics.Color)	4288426514 (0xFF9C3212)
YUV	78.0460, -29.6027, 68.3657
Hunter-Lab	30.6477, 33.4980, 18.3643

Details

The Hex color **9C3212** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **127C9C**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **D96641**, and **610000** is the 20% darker color. If you saturate the color by 10%, you get **9C2602**, and if you desaturate by 10%, it is **9C3E22**.

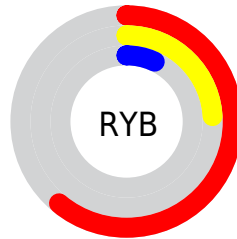
Distribution



Red (61%)

Green (20%)

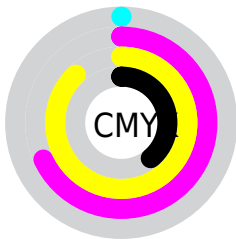
Blue (7%)



Red (61%)

Yellow (24%)

Blue (7%)

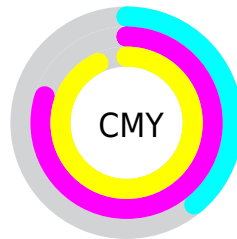


Cyan (0%)

Magenta (68%)

Yellow (88%)

Black (39%)



Cyan (39%)

Magenta (80%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9C3212 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 9C3212 by changing the saturation by 10% instead.



9C3212



9C3212



FFFFFFB



7E1600



D96641



610000



F88059



440000



FF9B72



290001



FFB78C



000000



FFD3A7



FFF0C2



FFFFDE



9C3212



9C3212

■ 9C2602

■ 9C3E22

■ 9C2400

■ 9C4A31

■ 9C5641

■ 9C6250

■ 9C6E60

■ 9C7A70

■ 9C867F

■ 9C928F

■ 9C9E9E

Harmonies

Analogous

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



A91541



9C3212



7E4B00

Triad

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



9C3212



00693B



0055B5

Complementary

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



9C3212



127C9C

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.



0063B4



9C3212



006B6D

Square

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



9C3212



0F6500



006A9A



743C9C

Rectangle

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



9C3212



635700



006A9A



005BB8

Sweetspot

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



9C3212



CCA295



9C127E



664D45



E6E6E6



666666

Same Dimension

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



9C3212



CC2F00



9C7512



4F4947



8F2100



0F0400

Inverse Universe

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



127C9C



009DCC



12399C



474D4F



006E8F



000C0F

Previews

White Background



This preview shows how the Hex color 9C3212 looks on a white background.

Color Contrast Check

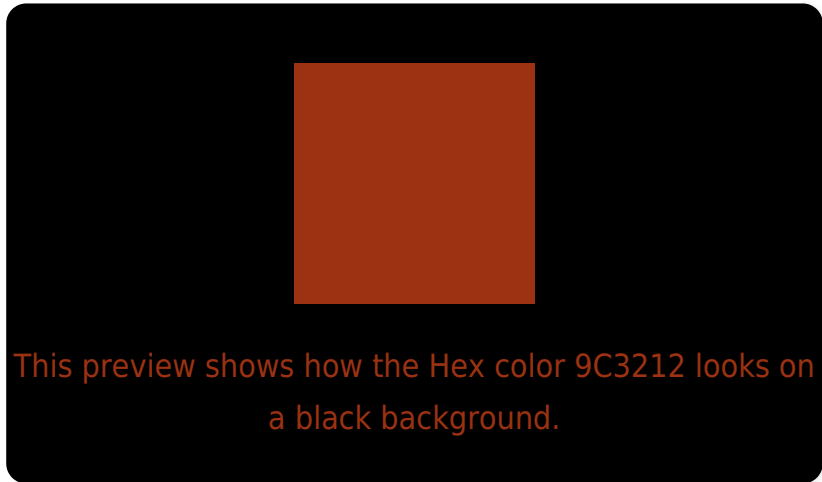
Large Text (above 18pt) WCAG AA ✓ Pass

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 9C3212 Background



This preview shows how black text looks on a background with the Hex color 9C3212.



This preview shows how white text looks on a background with the Hex color 9C3212.

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
9C3212

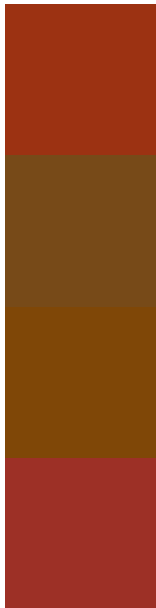
Protanopia
62581B

Deuteranopia
6F5300



Tritanopia
9D2F31

Trichromacy



Original Color
9C3212

Protanomaly
774A18

Deuteranomaly
7F4707

Tritanomaly
9D3026

Monochromacy



Original Color
9C3212

Achromatopsia
4E4E4E

Achromatomaly
6A4438

CSS Examples

Text

The CSS property to change the color of the text to Hex 9C3212 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 #9C3212 looks like.

```
.text, #text, p{  
    color:#9C3212  
}
```

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 #9C3212 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C3212
}
```

Border

The CSS property to change the border of an element to Hex 9C3212 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
#9C3212 }
```

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

```
.border{ border-color:#9C3212 }
```

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

Here you see how a box with a 4 pixel #9C3212 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C3212; -webkit-box-shadow:4px 4px  
4px 4px #9C3212; box-shadow:4px 4px 4px  
4px #9C3212 }
```

Background

The CSS property to change the background color of an element to Hex 9C3212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C3212 }
```

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

```
.background{ background-color:#9C3212 }
```

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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