

Converting Colors

Hex(9C2616)

Have a look what the booklet for
Hex(9C2616) contains.

Hex(9C2616)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(9C2616)

Conversions

Conversions Part 1

Format	Color
Hex	9C2616
RGB	156, 38, 22
RGB Percent	61%, 15%, 9%
CMY	0.3882, 0.8510, 0.9137
CMYK	0.00, 0.76, 0.86, 0.39
HSL	7°, 75%, 35%
HSV	7°, 86%, 61%
XYZ	14.5482, 8.5121, 1.6353
YIQ	71.4580, 75.4640, 20.0400

Conversions

Conversions Part 2

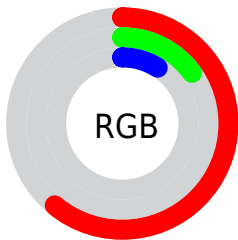
Format	Color
R_{YB}	156, 40, 22
Decimal	10233366
CIE _{Lab}	35.03, 47.52, 38.63
CIE _{LCh}	35, 61.240, 39.114
Yxy	8.5121, 0.5891, 0.3447
Android (android.graphics.Color)	4288423446 (0xFF9C2616)
YUV	71.4580, -24.3828, 74.1433
Hunter-Lab	29.1755, 37.9513, 17.0996

Details

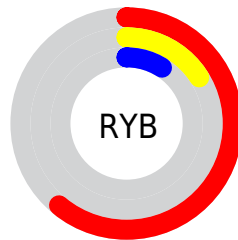
The Hex color **9C2616** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **168C9C**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **D95C43**, and **600000** is the 20% darker color. If you saturate the color by 10%, you get **9C1806**, and if you desaturate by 10%, it is **9C3426**.

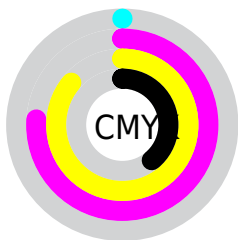
Distribution



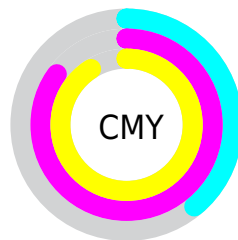
- Red (61%)
- Green (15%)
- Blue (9%)



- Red (61%)
- Yellow (16%)
- Blue (9%)



- Cyan (0%)
- Magenta (76%)
- Yellow (86%)
- Black (39%)



- Cyan (39%)
- Magenta (85%)
- Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9C2616 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 9C2616 by changing the saturation by 10% instead.

 9C2616

 9C2616

FFFFFFD

 7E0000

 D95C43

 600000

 F9775B

 430000

 FF9274

 270001

 FFAE8E

 000000

 FFCAA9

 FFE7C4

 FFFFEO

 9C2616

 9C2616

■ 9C1806

■ 9C3426

■ 9C1300

■ 9C4135

■ 9C4F45

■ 9C5D54

■ 9C6B64

■ 9C7874

■ 9C8683

■ 9C9493

■ 9CA2A2

Harmonies

Analogous

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



A60046



9C2616



804300

Triad

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



9C2616



00652D



0054B4

Complementary

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



9C2616



168C9C

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.



0061AF



9C2616



006761

Square

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



9C2616



1C6000



006690



643D9F

Rectangle

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



9C2616



675000



006690



0059B6

Sweetspot

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



9C2616



CC9D97



9C168C



664A46



E6E6E6



666666

Same Dimension

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



9C2616



CC1800



9C6916



4F4847



8F1100



0F0200

Inverse Universe

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



168C9C



00B4CC



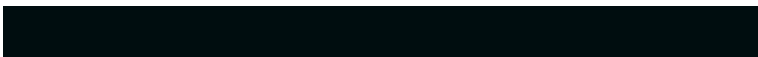
16499C



474E4F



007E8F



000D0F

Previews

White Background



This preview shows how the Hex color 9C2616 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 9C2616 Background



This preview shows how black text looks on a background with the Hex color 9C2616.



This preview shows how white text looks on a background with the Hex color 9C2616.

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
9C2616

Protanopia
5D5421

Deuteranopia
6A4F00

Trichromacy



Original Color
9C2616

Protanomaly
74431D

Deuteranomaly
7C4008

Tritanomaly
9C2520

Monochromacy



Original Color
9C2616

Achromatopsia
474747

Achromatomaly
663B35

CSS Examples

Text

The CSS property to change the color of the text to Hex 9C2616 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 #9C2616 looks like.

```
.text, #text, p{  
    color:#9C2616  
}
```

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 #9C2616 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C2616
}
```

Border

The CSS property to change the border of an element to Hex 9C2616 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".

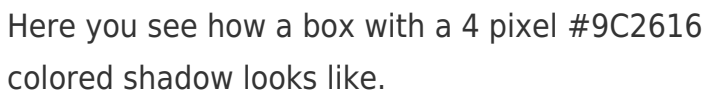
```
.border, #border, table{ border:4px solid
#9C2616 }
```

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

```
.border{ border-color:#9C2616 }
```

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

Here you see how a box with a 4 pixel #9C2616 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C2616; -webkit-box-shadow:4px 4px  
4px 4px #9C2616; box-shadow:4px 4px 4px  
4px #9C2616 }
```

Background

The CSS property to change the background color of an element to Hex 9C2616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C2616 }
```

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

```
.background{ background-color:#9C2616 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor