

Converting Colors

Hex(9C1012)

Have a look what the booklet for
Hex(9C1012) contains.

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Color

Hex(9C1012)

Conversions

Conversions Part 1

Format	Color
Hex	9C1012
RGB	156, 16, 18
RGB Percent	61%, 6%, 7%
CMY	0.3882, 0.9373, 0.9294
CMYK	0.00, 0.90, 0.88, 0.39
HSL	359°, 81%, 34%
HSV	359°, 90%, 61%
XYZ	14.0048, 7.4822, 1.2783
YIQ	58.0880, 82.7980, 30.3020

Conversions

Conversions Part 2

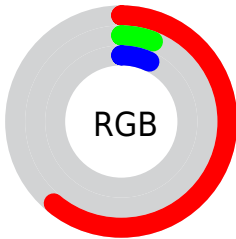
Format	Color
R _Y B	156, 16, 18
Decimal	10227730
CIE Lab	32.88, 53.40, 38.82
CIE LCh	33, 66.017, 36.017
Yxy	7.4822, 0.6152, 0.3287
Android (android.graphics.Color)	4288417810 (0xFF9C1012)
YUV	58.0880, -19.7634, 85.8688
Hunter-Lab	27.3536, 43.5216, 16.3766

Details

The Hex color **9C1012** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **109C9A**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **DA4F3F**, and **5F0000** is the 20% darker color. If you saturate the color by 10%, you get **9C0003**, and if you desaturate by 10%, it is **9C2021**.

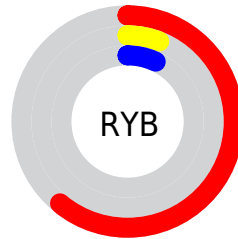
Distribution



Red (61%)

Green (6%)

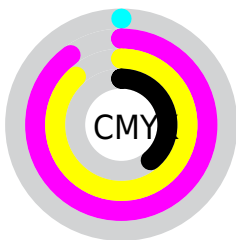
Blue (7%)



Red (61%)

Yellow (6%)

Blue (7%)

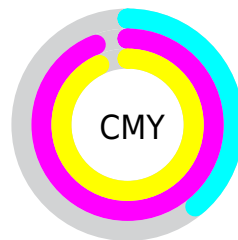


Cyan (0%)

Magenta (90%)

Yellow (88%)

Black (39%)



Cyan (39%)

Magenta (94%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9C1012 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 9C1012 by changing the saturation by 10% instead.

 9C1012

 9C1012

 FFFFF7

 7E0000

 DA4F3F

 5F0000

 FA6B56

 430001

 FF866F

 240001

 FFA289

 000000

 FFBEA3

 FFDBBE

 FFF9DA

 9C1012

 9C1012

■ 9C0003

■ 9C2021

■ 9C0002

■ 9C2F31

■ 9C3F40

■ 9C4E50

■ 9C5E5F

■ 9C6E6E

■ 9C7D7E

■ 9C8D8D

■ 9C9C9C

Harmonies

Analogous

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



A40045



9C1012



803A00

Triad

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



9C1012



00601F



0052B7

Complementary

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



9C1012



109C9A

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.



005EAE



9C1012



006257

Square

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



9C1012



185A00



00628A



5539A3

Rectangle

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



9C1012



654900



00628A



0057B7

Sweetspot

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



9C1012



CC9596



9A109C



664546



E6E6E6



666666

Same Dimension

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



9C1012



CC0003



9C5410



4F4747



8F0002



0F0000

Inverse Universe

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



9C1012



CC0003



10589C



4F4747



8F0002



0F0000

Previews

White Background



This preview shows how the Hex color 9C1012 looks on a white background.

Color Contrast Check

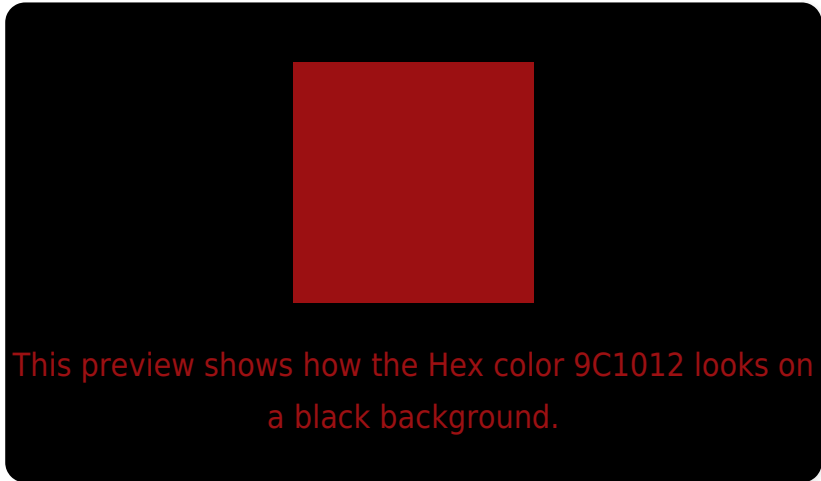
Large Text (above 18pt) WCAG AA ✓ Pass

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 9C1012 Background



This preview shows how black text looks on a background with the Hex color 9C1012.



This preview shows how white text looks on a background with the Hex color 9C1012.

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
9C1012

Protanopia
59501F

Deuteranopia
644B00

Trichromacy



Original Color
9C1012

Protanomaly
71391A

Deuteranomaly
783607

Tritanomaly
9C110E

Monochromacy



Original Color
9C1012

Achromatopsia
3A3A3A

Achromatomaly
5E2B2B

CSS Examples

Text

The CSS property to change the color of the text to Hex 9C1012 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 #9C1012 looks like.

```
.text, #text, p{  
    color:#9C1012  
}
```

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 #9C1012 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C1012
}
```

Border

The CSS property to change the border of an element to Hex 9C1012 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".

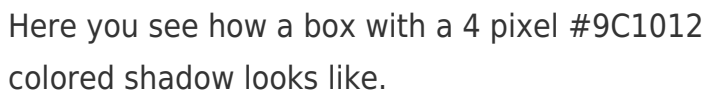
```
.border, #border, table{ border:4px solid
#9C1012 }
```

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

```
.border{ border-color:#9C1012 }
```

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

Here you see how a box with a 4 pixel #9C1012 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #9C1012 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C1012; -webkit-box-shadow:4px 4px  
4px 4px #9C1012; box-shadow:4px 4px 4px  
4px #9C1012 }
```

Background

The CSS property to change the background color of an element to Hex 9C1012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C1012 }
```

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

```
.background{ background-color:#9C1012 }
```

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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