

Converting Colors

Hex(9A1F13)

Have a look what the booklet for
Hex(9A1F13) contains.

Hex(9A1F13)	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(9A1F13)

Conversions

Conversions Part 1

Format	Color
Hex	9A1F13
RGB	154, 31, 19
RGB Percent	60%, 12%, 7%
CMY	0.3961, 0.8784, 0.9255
CMYK	0.00, 0.80, 0.88, 0.40
HSL	5°, 78%, 34%
HSV	5°, 88%, 60%
XYZ	13.9340, 7.8970, 1.4060
YIQ	66.4090, 77.1600, 22.3440

Conversions

Conversions Part 2

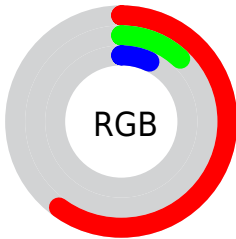
Format	Color
R_{YB}	154, 32, 19
Decimal	10100499
CIE _{Lab}	33.77, 49.13, 38.88
CIE _{LCh}	34, 62.654, 38.362
Yxy	7.8970, 0.5996, 0.3398
Android (android.graphics.Color)	4288290579 (0xFF9A1F13)
YUV	66.4090, -23.3726, 76.8173
Hunter-Lab	28.1016, 39.3299, 16.7048

Details

The Hex color **9A1F13** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **138E9A**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **D85740**, and **5E0000** is the 20% darker color. If you saturate the color by 10%, you get **9A1104**, and if you desaturate by 10%, it is **9A2D22**.

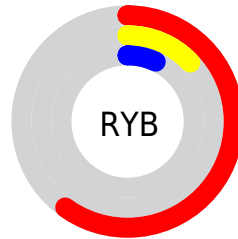
Distribution



Red (60%)

Green (12%)

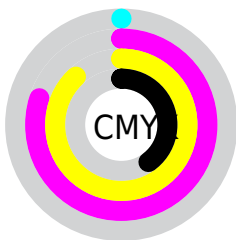
Blue (7%)



Red (60%)

Yellow (13%)

Blue (7%)

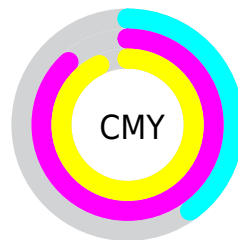


Cyan (0%)

Magenta (80%)

Yellow (88%)

Black (40%)



Cyan (40%)

Magenta (88%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9A1F13 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 9A1F13 by changing the saturation by 10% instead.

 9A1F13

 9A1F13

 FFFFF9

 7C0000

 D85740

 5E0000

 F77258

 410001

 FF8D71

 240001

 FFA98B

 000000

 FFC5A5

 FFE2C0

 FFFFDC

 9A1F13

 9A1F13

■ 9A1104

■ 9A2D22

■ 9A0E00

■ 9A3B32

■ 9A4941

■ 9A5751

■ 9A6560

■ 9A736F

■ 9A817F

■ 9A8F8E

■ 9A9D9E

Harmonies

Analogous

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



A40044



9A1F13



7E3F00

Triad

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



9A1F13



006228



0052B3

Complementary

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



9A1F13



138E9A

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.



005FAD



9A1F13



00645D

Square

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



9A1F13



185D00



00638D



5E3A9E

Rectangle

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



9A1F13



644D00



00638D



0057B4

Sweetspot

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



9A1F13



C99A95



9A138F



664946



E6E6E6



666666

Same Dimension

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



9A1F13



C91200



9A6213



4D4645



8C0C00



0D0100

Inverse Universe

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



138E9A



00B8C9



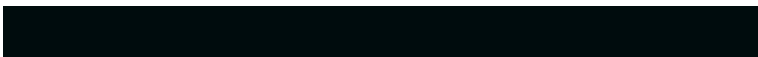
134B9A



454C4D



00808C



000C0D

Previews

White Background



This preview shows how the Hex color 9A1F13 looks on a white background.

Color Contrast Check

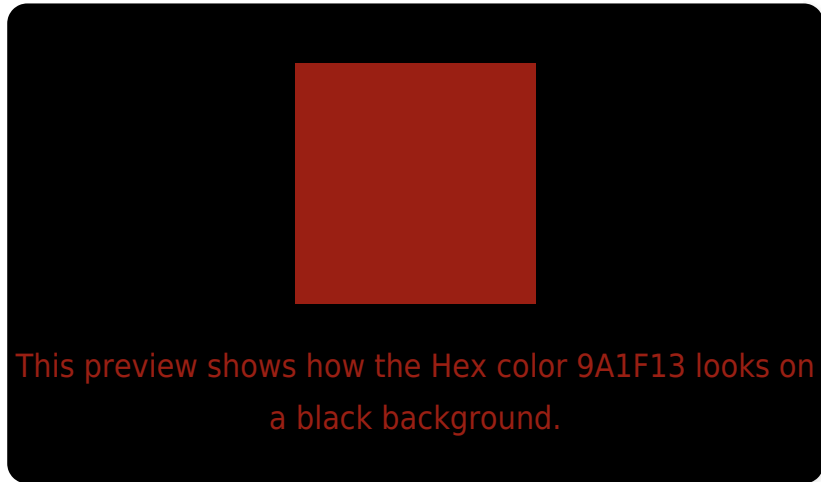
Large Text (above 18pt) WCAG AA ✓ Pass

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 9A1F13 Background



This preview shows how black text looks on a background with the Hex color 9A1F13.



This preview shows how white text looks on a background with the Hex color 9A1F13.

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
9A1F13

Protanopia
5A511F

Deuteranopia
664D00

Trichromacy



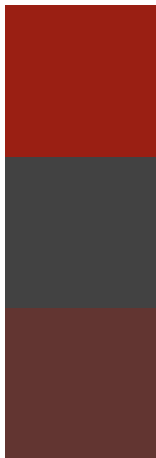
Original Color
9A1F13

Protanomaly
713F1B

Deuteranomaly
793C07

Tritanomaly
9A1E1A

Monochromacy



Original Color
9A1F13

Achromatopsia
424242

Achromatomaly
623531

CSS Examples

Text

The CSS property to change the color of the text to Hex 9A1F13 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 #9A1F13 looks like.

```
.text, #text, p{  
    color:#9A1F13  
}
```

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 #9A1F13 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A1F13
}
```

Border

The CSS property to change the border of an element to Hex 9A1F13 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".

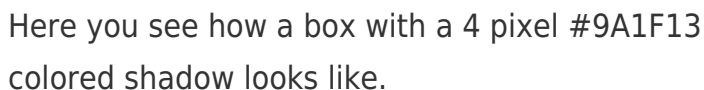
```
.border, #border, table{ border:4px solid
#9A1F13 }
```

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

```
.border{ border-color:#9A1F13 }
```

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

Here you see how a box with a 4 pixel #9A1F13 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A1F13; -webkit-box-shadow:4px 4px  
4px 4px #9A1F13; box-shadow:4px 4px 4px  
4px #9A1F13 }
```

Background

The CSS property to change the background color of an element to Hex 9A1F13 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A1F13 }
```

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

```
.background{ background-color:#9A1F13 }
```

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