

Converting Colors

Hex(9B0F09)

Have a look what the booklet for
Hex(9B0F09) contains.

Hex(9B0F09)	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(9B0F09)

Conversions

Conversions Part 1

Format	Color
Hex	9B0F09
RGB	155, 15, 9
RGB Percent	61%, 6%, 4%
CMY	0.3922, 0.9412, 0.9647
CMYK	0.00, 0.90, 0.94, 0.39
HSL	2°, 89%, 32%
HSV	2°, 94%, 61%
XYZ	13.7377, 7.3299, 0.9492
YIQ	56.1760, 85.3660, 27.8140

Conversions

Conversions Part 2

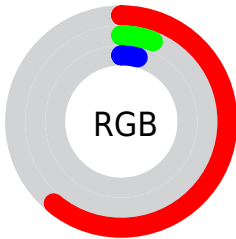
Format	Color
R_{YB}	155, 15, 9
Decimal	10161929
CIE Lab	32.55, 53.15, 42.54
CIE LCh	33, 68.074, 38.673
Yxy	7.3299, 0.6240, 0.3329
Android (android.graphics.Color)	4288352009 (0xFF9B0F09)
YUV	56.1760, -23.2578, 86.6686
Hunter-Lab	27.0738, 43.1945, 16.8730

Details

The Hex color **9B0F09** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **09959B**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **D94F37**, and **5E0000** is the 20% darker color. If you saturate the color by 10%, you get **9B0600**, and if you desaturate by 10%, it is **9B1E18**.

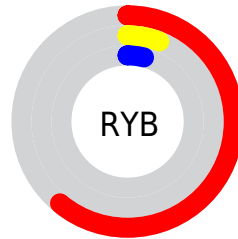
Distribution



Red (61%)

Green (6%)

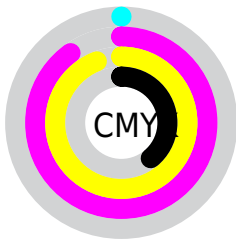
Blue (4%)



Red (61%)

Yellow (6%)

Blue (4%)

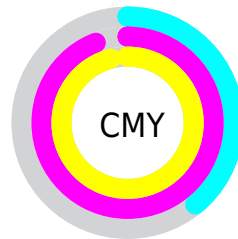


Cyan (0%)

Magenta (90%)

Yellow (94%)

Black (39%)



Cyan (39%)

Magenta (94%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9B0F09 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 9B0F09 by changing the saturation by 10% instead.

 9B0F09

 9B0F09

 FFFFEE

 7D0000

 D94F37

 5E0000

 F96A4F

 420001

 FF8567

 230001

 FFA181

 000000

 FFBE9B

 FFDAB6

 FFF8D2

 9B0F09

 9B0F09

■ 9B0600

■ 9B1E18

■ 9B2D28

■ 9B3C37

■ 9B4A47

■ 9B5956

■ 9B6866

■ 9B7775

■ 9B8685

■ 9B9594

Harmonies

Analogous

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



A60040



9B0F09



7C3B00

Triad

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



9B0F09



006022



004FB9

Complementary

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



9B0F09



09959B

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.



005DB2



9B0F09



00625B

Square

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



9B0F09



025B00



00618F



5C34A2

Rectangle

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



9B0F09



604A00



00618F



0055BA

Sweetspot

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



9B0F09



C99391



9B0996



664543



E6E6E6



666666

Same Dimension

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



9B0F09



C90800



9B5709



4D4545



8C0600



0D0100

Inverse Universe

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



09959B



00C1C9



094D9B



454C4D



00868C



000C0D

Previews

White Background



This preview shows how the Hex color 9B0F09 looks on a white background.

Color Contrast Check

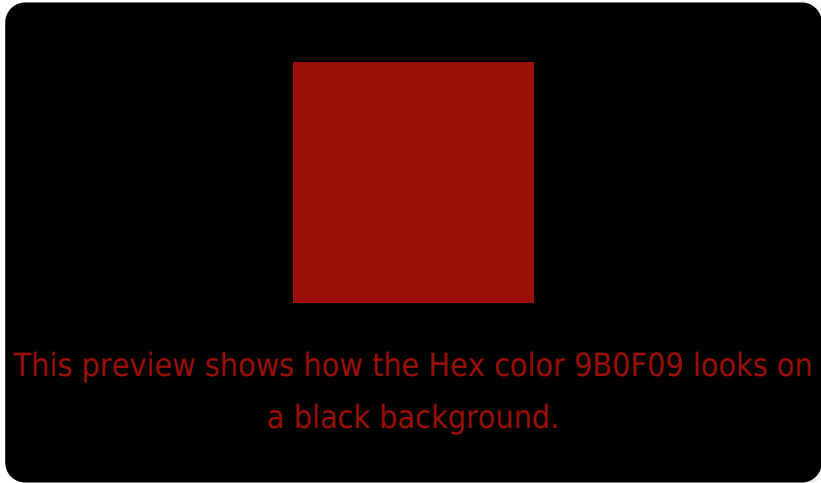
Large Text (above 18pt) WCAG AA ✓ Pass

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 9B0F09 Background



This preview shows how black text looks on a background with the Hex color 9B0F09.



This preview shows how white text looks on a background with the Hex color 9B0F09.

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
9B0F09

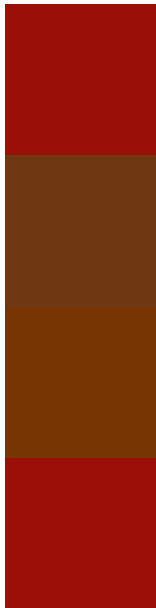
Protanopia
584F17

Deuteranopia
634B00



Tritanopia
9B0F08

Trichromacy



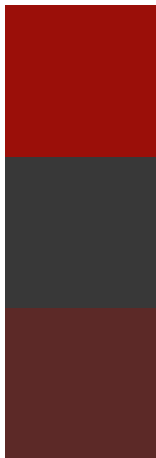
Original Color
9B0F09

Protanomaly
703812

Deuteranomaly
773503

Tritanomaly
9B0F08

Monochromacy



Original Color
9B0F09

Achromatopsia
383838

Achromatomaly
5C2927

CSS Examples

Text

The CSS property to change the color of the text to Hex 9B0F09 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 #9B0F09 looks like.

```
.text, #text, p{  
    color:#9B0F09  
}
```

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 #9B0F09 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B0F09
}
```

Border

The CSS property to change the border of an element to Hex 9B0F09 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".

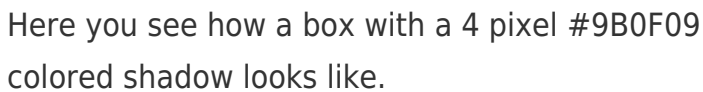
```
.border, #border, table{ border:4px solid
#9B0F09 }
```

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

```
.border{ border-color:#9B0F09 }
```

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

Here you see how a box with a 4 pixel #9B0F09 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B0F09; -webkit-box-shadow:4px 4px  
4px 4px #9B0F09; box-shadow:4px 4px 4px  
4px #9B0F09 }
```

Background

The CSS property to change the background color of an element to Hex 9B0F09 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B0F09 }
```

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

```
.background{ background-color:#9B0F09 }
```

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