

# Converting Colors

Decimal(9318149)

Have a look what the booklet for  
Decimal(9318149) contains.

<b>Decimal(9318149)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Decimal(9318149)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8E2F05
RGB	142, 47, 5
RGB Percent	56%, 18%, 2%
CMY	0.4431, 0.8157, 0.9804
CMYK	0.00, 0.67, 0.96, 0.44
HSL	18°, 93%, 29%
HSV	18°, 96%, 56%
XYZ	12.1992, 7.7948, 1.0052
YIQ	70.6170, 70.1020, 7.0780

# Conversions

## Conversions Part 2

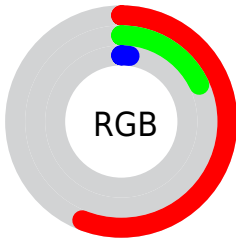
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	142, 66, 5
Decimal	9318149
CIE Lab	33.55, 38.63, 43.48
CIE LCh	34, 58.160, 48.381
Yxy	7.7948, 0.5809, 0.3712
Android (android.graphics.Color)	4287508229 (0xFF8E2F05)
YUV	70.6170, -32.3492, 62.6029
Hunter-Lab	27.9191, 29.1370, 17.4088

# Details

The Decimal color **9318149** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **353422**, and the grayscale version is **4671303**.

A 20% lighter version of the original color is **13263414**, and **5439488** is the 20% darker color. If you saturate the color by 10%, you get **9317376**, and if you desaturate by 10%, it is **9320723**.

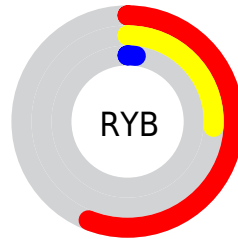
# Distribution



Red (56%)

Green (18%)

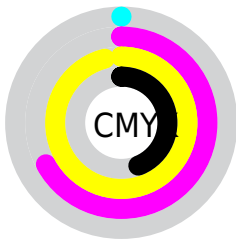
Blue (2%)



Red (56%)

Yellow (26%)

Blue (2%)

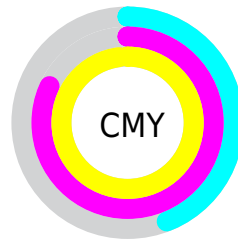


Cyan (0%)

Magenta (67%)

Yellow (96%)

Black (44%)



Cyan (44%)

Magenta (82%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 9318149 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 Decimal color 9318149 by changing the saturation by 10% instead.



 9318149

 9318149

 16777198

 7410688

 13263414

 5439488

 15301710

 3670016

 16750183

 1507328

 16757376

 0

 16764571

 16771766

 16777170

 9318149

 9318149

■ 9317376

■ 9320723

■ 9323297

■ 9325872

■ 9328190

■ 9330764

■ 9333338

■ 9335912

■ 9338487

■ 9341061

# Harmonies

## Analogous

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



10293045



9318149



7357952

# Triad

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



9318149



24891



19368

# Complementary

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



9318149



353422

# 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.



23210



9318149



25195

# Square

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



9318149



23811



24980



7484045

# Rectangle

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



9318149



5656832



24980



20907



# Sweetspot

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



9318149



12096386



9307493



6047292



14408667



6052956



# Same Dimension

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



9318149



12072960



9335557



4670016



8857856



524800



# Inverse Universe

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



353422



32696



336014



4212039



24199

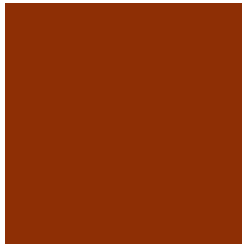


1288



# Previews

## White Background



This preview shows how the Decimal color 9318149 looks on a white background.

## Color Contrast Check

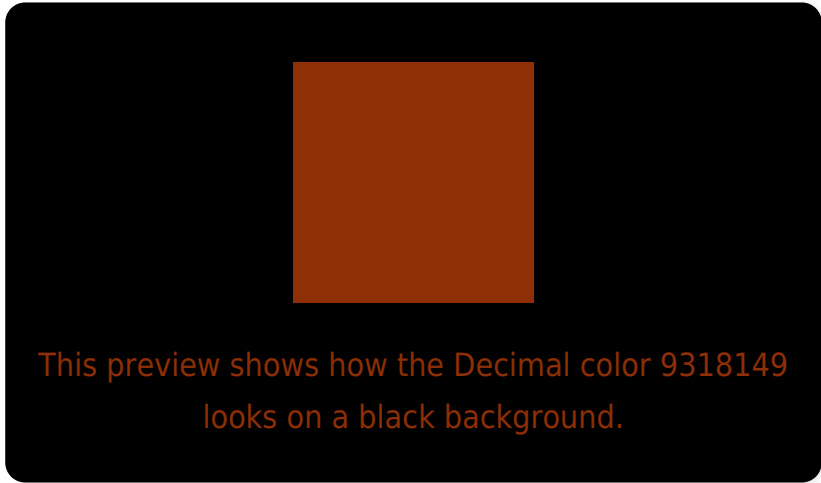
Large Text (above 18pt) WCAG AA ✓ Pass

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](#).



## Decimal 9318149 Background



This preview shows how black text looks on a background with the Decimal color 9318149.



This preview shows how white text looks on a background with the Decimal color 9318149.

# 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



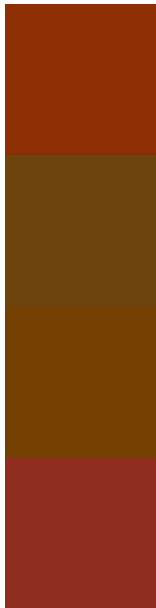
**Original Color**  
9318149

**Protanopia**  
5918736

**Deuteranopia**  
6638592



# Trichromacy



**Original Color**  
9318149

**Protanomaly**  
7160844

**Deuteranomaly**  
7618818

**Tritanomaly**  
9383199

# Monochromacy



**Original Color**  
9318149

**Achromatopsia**  
4671303

**Achromatomaly**  
6372911

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 9318149 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 #8E2F05 looks like.

```
.text, #text, p{  
    color:#8E2F05  
}
```

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 #8E2F05 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8E2F05  
}
```

## Border

The CSS property to change the border of an element to Decimal 9318149 is called "border". The border property can be set on classes, ids or directly on the HTML element.

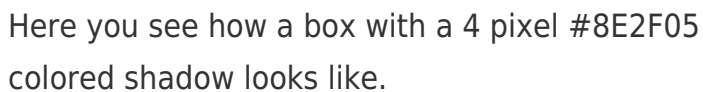
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#8E2F05 }
```

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

```
.border{ border-color:#8E2F05 }
```

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



Here you see how a box with a 4 pixel #8E2F05 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8E2F05; -webkit-box-shadow:4px 4px  
4px 4px #8E2F05; box-shadow:4px 4px 4px  
4px #8E2F05 }
```

# Background

The CSS property to change the background color of an element to Decimal 9318149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8E2F05 }
```

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

```
.background{ background-color:#8E2F05 }
```

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