

Converting Colors

Decimal(9508637)

Have a look what the booklet for
Decimal(9508637) contains.

Decimal(9508637)	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

Decimal(9508637)

Conversions

Conversions Part 1

Format	Color
Hex	91171D
RGB	145, 23, 29
RGB Percent	57%, 9%, 11%
CMY	0.4314, 0.9098, 0.8863
CMYK	0.00, 0.84, 0.80, 0.43
HSL	357°, 73%, 33%
HSV	357°, 84%, 57%
XYZ	12.2052, 6.7212, 1.8164
YIQ	60.1620, 70.7860, 27.7300

Conversions

Conversions Part 2

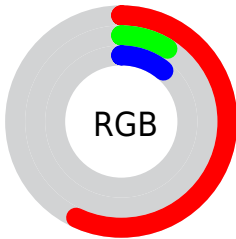
Format	Color
RYB	145, 23, 29
Decimal	9508637
CIELab	31.16, 48.96, 30.21
CIElCh	31, 57.534, 31.677
Yxy	6.7212, 0.5884, 0.3240
Android (android.graphics.Color)	4287698717 (0xFF91171D)
YUV	60.1620, -15.3629, 74.4029
Hunter-Lab	25.9254, 38.6654, 13.9936

Details

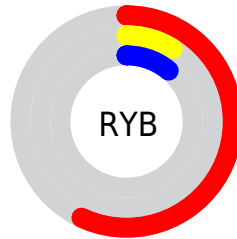
The Decimal color **9508637** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **1544587**, and the grayscale version is **3947580**.

A 20% lighter version of the original color is **13521225**, and **5636096** is the 20% darker color. If you saturate the color by 10%, you get **9505039**, and if you desaturate by 10%, it is **9512235**.

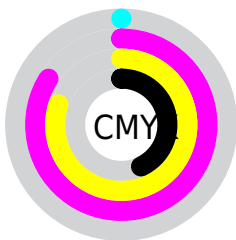
Distribution



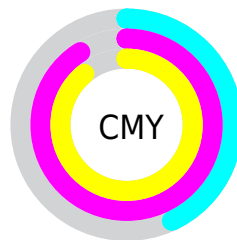
- Red (57%)
- Green (9%)
- Blue (11%)



- Red (57%)
- Yellow (9%)
- Blue (11%)



- Cyan (0%)
- Magenta (84%)
- Yellow (80%)
- Black (43%)



- Cyan (43%)
- Magenta (91%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 9508637 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 9508637 by changing the saturation by 10% instead.

 9508637

 9508637

16777215

 7536646

 13521225

 5636096

 15494241

 3866626

 16746362

 1507328

 16753300

 0

 16760495

 16767946

 16775398

 9508637

 9508637

■ 9505039

■ 9512235

■ 9502727

■ 9516089

■ 9519686

■ 9523540

■ 9527394

■ 9530992

■ 9534590

■ 9538443

■ 9542297

Harmonies

Analogous

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



9764937



9508637



8074496

Triad

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



9508637



22810



20389

Complementary

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



9508637



1544587

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.



22937



9508637



23627

Square

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



9508637



2774016



23672



4537495

Rectangle

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



9508637



6636288



23672



21412

Sweetspot

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



9508637



12422800



9115537



6177347



14606046



6184542

Same Dimension

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



9508637



12386313



9522711



4669505



8847367



524288

Inverse Universe

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



9508637



12386313



1530513



4669505



8847367



524288

Previews

White Background



This preview shows how the Decimal color 9508637 looks on a white background.

Color Contrast Check

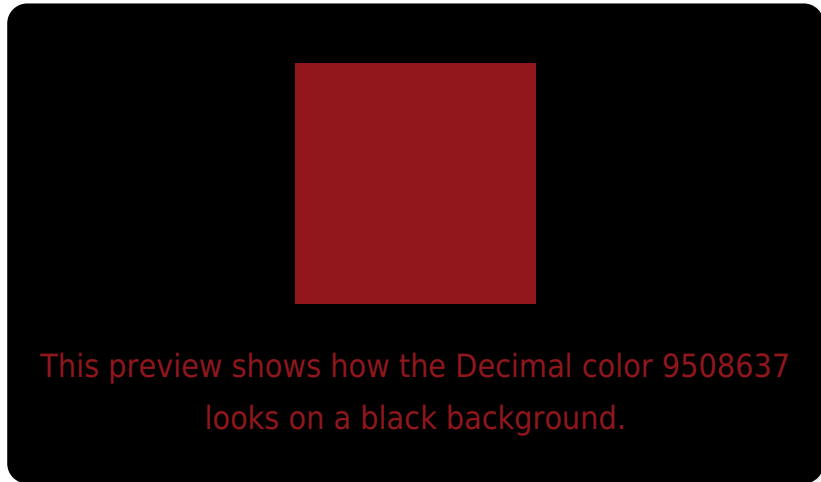
Large Text (above 18pt) WCAG AA ✓ Pass

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 9508637 Background



This preview shows how black text looks on a background with the Decimal color 9508637.

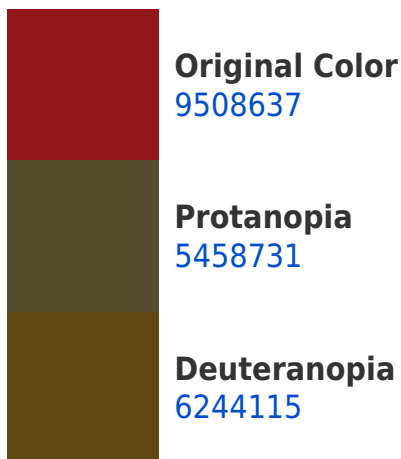


This preview shows how white text looks on a background with the Decimal color 9508637.

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



Trichromacy



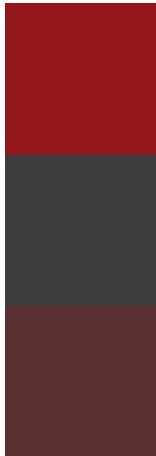
Original Color
9508637

Protanomaly
6961190

Deuteranomaly
7419415

Tritanomaly
9508889

Monochromacy



Original Color
9508637

Achromatopsia
3947580

Achromatomaly
5975857

CSS Examples

Text

The CSS property to change the color of the text to Decimal 9508637 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 #91171D looks like.

```
.text, #text, p{  
    color:#91171D  
}
```

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 #91171D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #91171D
}
```

Border

The CSS property to change the border of an element to Decimal 9508637 is called "border". The border property can be set on classes, ids or directly on the HTML element.

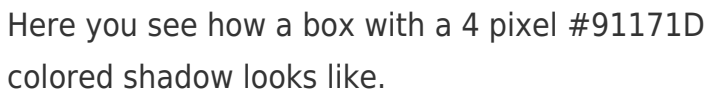
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#91171D }
```

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

```
.border{ border-color:#91171D }
```

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



Here you see how a box with a 4 pixel #91171D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #91171D; -webkit-box-shadow:4px 4px  
4px 4px #91171D; box-shadow:4px 4px 4px  
4px #91171D }
```

Background

The CSS property to change the background color of an element to Decimal 9508637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#91171D }
```

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

```
.background{ background-color:#91171D }
```

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