

# Converting Colors

Decimal(9715531)

Have a look what the booklet for  
Decimal(9715531) contains.

<b>Decimal(9715531)</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(9715531)**

# Conversions

## Conversions Part 1

Format	Color
Hex	943F4B
RGB	148, 63, 75
RGB Percent	58%, 25%, 29%
CMY	0.4196, 0.7529, 0.7059
CMYK	0.00, 0.57, 0.49, 0.42
HSL	352°, 40%, 41%
HSV	352°, 57%, 58%
XYZ	15.2602, 10.3589, 7.8518
YIQ	89.7830, 46.8080, 21.7520

# Conversions

## Conversions Part 2

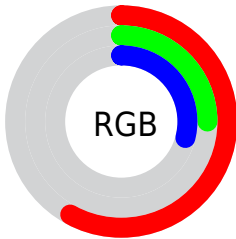
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	148, 63, 75
Decimal	9715531
CIE <sub>Lab</sub>	38.48, 36.93, 10.68
CIE <sub>LCh</sub>	38, 38.446, 16.133
Yxy	10.3589, 0.4559, 0.3095
Android (android.graphics.Color)	4287905611 (0xFF943F4B)
YUV	89.7830, -7.2880, 51.0563
Hunter-Lab	32.1853, 28.3094, 8.0656

# Details

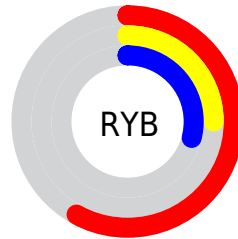
The Decimal color **9715531** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **4166792**, and the grayscale version is **5921370**.

A 20% lighter version of the original color is **13464188**, and **6097183** is the 20% darker color. If you saturate the color by 10%, you get **9711678**, and if you desaturate by 10%, it is **9719384**.

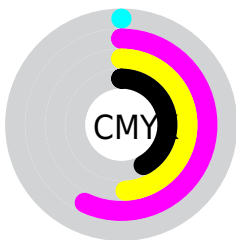
# Distribution



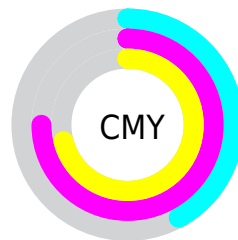
- Red (58%)
- Green (25%)
- Blue (29%)



- Red (58%)
- Yellow (25%)
- Blue (29%)



- Cyan (0%)
- Magenta (57%)
- Yellow (49%)
- Black (42%)



- Cyan (42%)
- Magenta (75%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 9715531 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 9715531 by changing the saturation by 10% instead.



 9715531

 9715531

16777215

 7874100

 13464188

 6097183

 15436949

 4390919

 16754608

 2818049

 16761803

 0

 16769000

 16776447

 9715531

 9715531

 9711678

 9719384

9707826

9723236

9704229

9726833

9700376

9730686

9699349

9734539

9738391

9742244

9745841

9749693

# Harmonies

## Analogous

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



9191530



9715531



9193519

# Triad

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



9715531



3695917



25239

# Complementary

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



9715531



4166792

# 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.



26759



9715531



26955

# Square

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



9715531



5987866



27243



4282519

# Rectangle

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



9715531



8343584



27243



26003



# Sweetspot

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



9715531



12558243



8863636



6377040



14737632



6381921



# Same Dimension

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



9715531



12532558



9723199



4866884



9043987



655361



# Inverse Universe

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



9715531



12532558



4159124



4866884



9043987

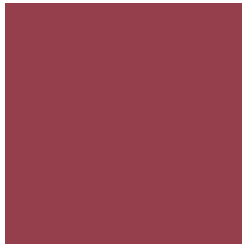


655361



# Previews

## White Background



This preview shows how the Decimal color 9715531 looks on a white background.

## Color Contrast Check

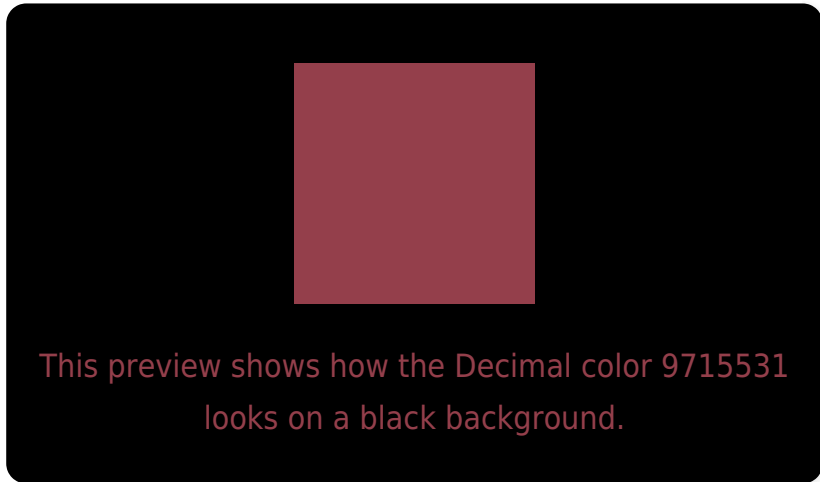
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

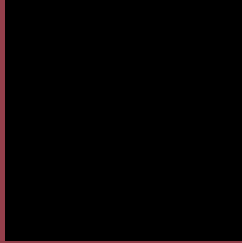
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 9715531 Background



This preview shows how black text looks on a background with the Decimal color 9715531.



This preview shows how white text looks on a background with the Decimal color 9715531.

# 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**  
9715531

**Protanopia**  
6118233

**Deuteranopia**  
7034951



**Tritanopia**  
9715780

# Trichromacy



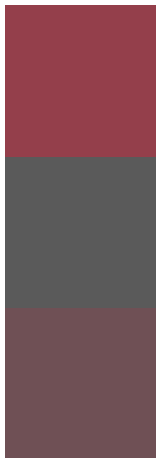
**Original Color**  
9715531

**Protanomaly**  
7426388

**Deuteranomaly**  
8015688

**Tritanomaly**  
9715783

# Monochromacy



**Original Color**  
9715531

**Achromatopsia**  
5921370

**Achromatomaly**  
7295061

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 9715531 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 #943F4B looks like.

```
.text, #text, p{  
    color:#943F4B  
}
```

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 #943F4B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #943F4B
}
```

## Border

The CSS property to change the border of an element to Decimal 9715531 is called "border". The border property can be set on classes, ids or directly on the HTML element.

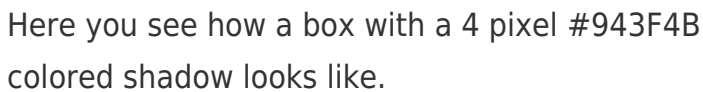
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#943F4B }
```

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

```
.border{ border-color:#943F4B }
```

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



Here you see how a box with a 4 pixel #943F4B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #943F4B; -webkit-box-shadow:4px 4px  
4px 4px #943F4B; box-shadow:4px 4px 4px  
4px #943F4B }
```

# Background

The CSS property to change the background color of an element to Decimal 9715531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#943F4B }
```

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

```
.background{ background-color:#943F4B }
```

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