

# Converting Colors

Decimal(11418189)

Have a look what the booklet for  
Decimal(11418189) contains.

<b>Decimal(11418189)</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(11418189)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AE3A4D
RGB	174, 58, 77
RGB Percent	68%, 23%, 30%
CMY	0.3176, 0.7725, 0.6980
CMYK	0.00, 0.67, 0.56, 0.32
HSL	350°, 50%, 45%
HSV	350°, 67%, 68%
XYZ	20.3082, 12.5606, 8.3753
YIQ	94.8500, 63.0370, 30.5010

# Conversions

## Conversions Part 2

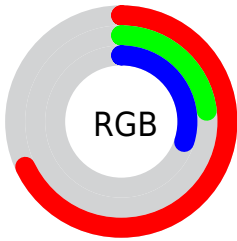
<b>Format</b>	<b>Color</b>
<b>RYB</b>	174, 58, 77
Decimal	11418189
CIELab	42.09, 48.51, 15.10
CIELCh	42, 50.809, 17.294
Yxy	12.5606, 0.4924, 0.3045
Android (android.graphics.Color)	4289608269 (0xFFAE3A4D)
YUV	94.8500, -8.8001, 69.4145
Hunter-Lab	35.4409, 40.2614, 10.7975

# Details

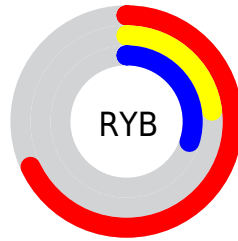
The Decimal color **11418189** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **3845787**, and the grayscale version is **6250335**.

A 20% lighter version of the original color is **15364222**, and **7602209** is the 20% darker color. If you saturate the color by 10%, you get **11413822**, and if you desaturate by 10%, it is **11422556**.

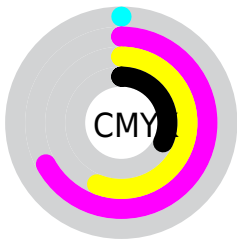
# Distribution



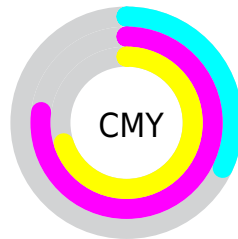
- Red (68%)
- Green (23%)
- Blue (30%)



- Red (68%)
- Yellow (23%)
- Blue (30%)



- Cyan (0%)
- Magenta (67%)
- Yellow (56%)
- Black (32%)



- Cyan (32%)
- Magenta (77%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 11418189 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 11418189 by changing the saturation by 10% instead.



 11418189  11418189

16777215  9510198

 15364222  7602209

 16747416  5701643

 16754354  3997697

 16761806  1835009

 16769002  0

 16776703

 11418189  11418189

 11413822  11422556

■ 11409200

■ 11427178

■ 11404833

■ 11431545

■ 11403292

■ 11436167

■ 11440534

■ 11444900

■ 11449523

■ 11453889

■ 11458512

# Harmonies

## Analogous

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



10828919



11418189



10635559

# Triad

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



11418189



2978086



28085

# Complementary

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



11418189



3845787

# 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.



29856



11418189



30287

# Square

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



11418189



6383872



30587



3956916

# Rectangle

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



11418189



9524494



30587



28848



# Sweetspot

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



11418189



14923453



10173102



7559004



15921906



7566195



# Same Dimension

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



11418189



14888267



11428154



5721679



9830425



1507332



# Inverse Universe

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



11418189



14888267



3835822



5721679



9830425



1507332



# Previews

## White Background



This preview shows how the Decimal color 11418189 looks on a white background.

## Color Contrast Check

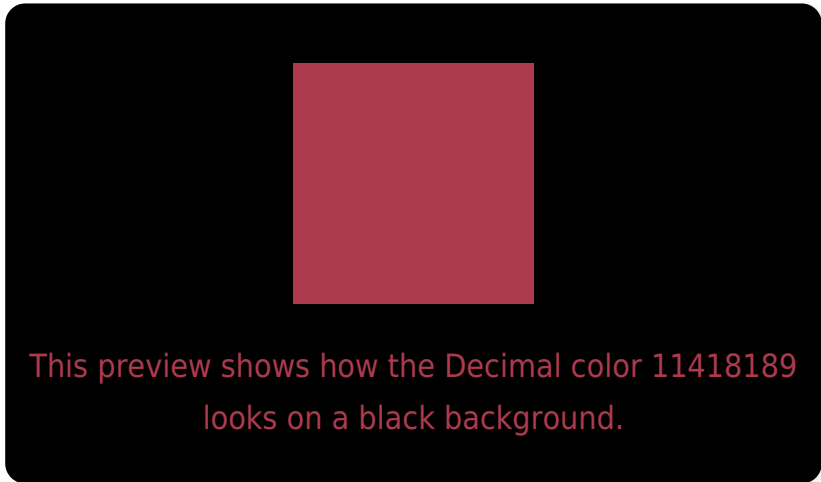
Large Text (above 18pt) WCAG AA ✓ Pass

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

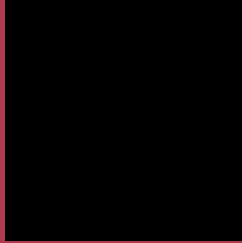
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 11418189 Background



This preview shows how black text looks on a background with the Decimal color 11418189.

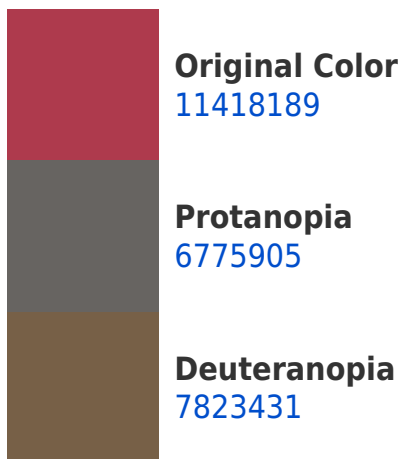


This preview shows how white text looks on a background with the Decimal color 11418189.

# 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



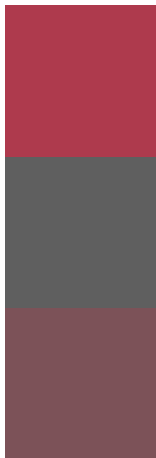
**Original Color**  
11418189

**Protanomaly**  
8475994

**Deuteranomaly**  
9130569

**Tritanomaly**  
11352901

# Monochromacy



**Original Color**  
11418189

**Achromatopsia**  
6250335

**Achromatomaly**  
8147544

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 11418189 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 #AE3A4D looks like.

```
.text, #text, p{  
  color:#AE3A4D  
}
```

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 #AE3A4D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AE3A4D
}
```

## Border

The CSS property to change the border of an element to Decimal 11418189 is called "border". The border property can be set on classes, ids or directly on the HTML element.

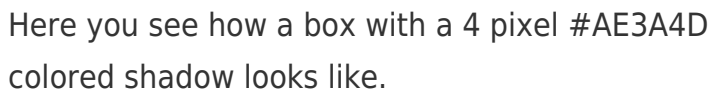
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AE3A4D }
```

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

```
.border{ border-color:#AE3A4D }
```

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



Here you see how a box with a 4 pixel `#AE3A4D` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AE3A4D; -webkit-box-shadow:4px 4px  
4px 4px #AE3A4D; box-shadow:4px 4px 4px  
4px #AE3A4D }
```

# Background

The CSS property to change the background color of an element to Decimal 11418189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AE3A4D }
```

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

```
.background{ background-color:#AE3A4D }
```

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