

# Converting Colors

Decimal(11489875)

Have a look what the booklet for  
Decimal(11489875) contains.

<b>Decimal(11489875)</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(11489875)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AF5253
RGB	175, 82, 83
RGB Percent	69%, 32%, 33%
CMY	0.3137, 0.6784, 0.6745
CMYK	0.00, 0.53, 0.53, 0.31
HSL	359°, 37%, 50%
HSV	359°, 53%, 69%
XYZ	22.2578, 15.7731, 10.0550
YIQ	109.9210, 55.1070, 20.0270

# Conversions

## Conversions Part 2

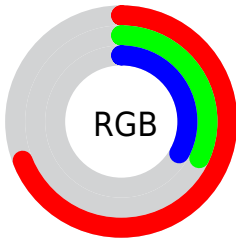
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	175, 82, 83
Decimal	11489875
CIE Lab	46.68, 38.04, 17.66
CIE LCh	47, 41.937, 24.905
Yxy	15.7731, 0.4629, 0.3280
Android (android.graphics.Color)	4289679955 (0xFFAF5253)
YUV	109.9210, -13.2721, 57.0743
Hunter-Lab	39.7153, 30.5356, 12.7899

# Details

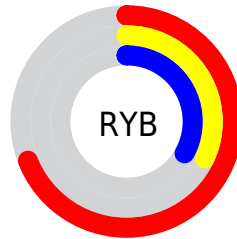
The Decimal color **11489875** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **5418926**, and the grayscale version is **7237230**.

A 20% lighter version of the original color is **15369860**, and **7741222** is the 20% darker color. If you saturate the color by 10%, you get **11485506**, and if you desaturate by 10%, it is **11494500**.

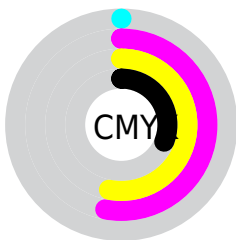
# Distribution



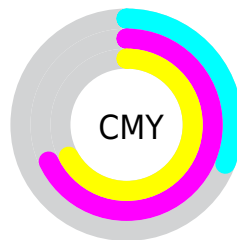
- Red (69%)
- Green (32%)
- Blue (33%)



- Red (69%)
- Yellow (32%)
- Blue (33%)



- Cyan (0%)
- Magenta (53%)
- Yellow (53%)
- Black (31%)



- Cyan (31%)
- Magenta (68%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 11489875 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 11489875 by changing the saturation by 10% instead.



 11489875	 11489875
 16777215	 9582908
 15369860	 7741222
 16753055	 5898258
 16759993	 4128768
 16767445	 2424833
 16774898	 0

 11489875	 11489875
 11485506	 11494500
 11480880	 11498870

 11476511


 11503495

 11471886


 11507864


 11468802

 11512490

 11516859

 11521484

 11525853

 11530479

# Harmonies

## Analogous

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



11292790



11489875



10575158

# Triad

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



11489875



3767364



29877

# Complementary

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



11489875



5418926

# 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.



31912



11489875



32871

# Square

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



11489875



6649131



32907



6711471

# Rectangle

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



11489875



9528872



32907



30642



# Sweetspot

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



11489875



14925759



11358895



7560541



15921906



7566195



# Same Dimension

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



11489875



14897747



11501394



5721678



9830402



1507328



# Inverse Universe

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



11489875



14897747



5407407



5721678



9830402

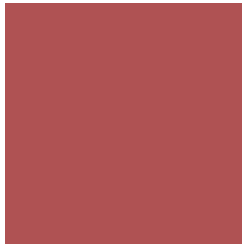


1507328



# Previews

## White Background



This preview shows how the Decimal color 11489875 looks on a white background.

## Color Contrast Check

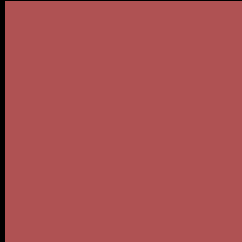
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Decimal color 11489875 looks on a 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 11489875 Background



This preview shows how black text looks on a background with the Decimal color 11489875.

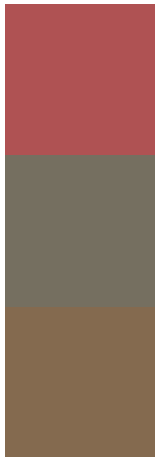


This preview shows how white text looks on a background with the Decimal color 11489875.

# 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**  
11489875

**Protanopia**  
7696224

**Deuteranopia**  
8677967



**Tritanopia**  
11489623

# Trichromacy



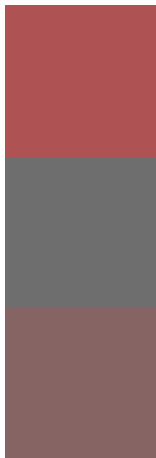
**Original Color**  
11489875

**Protanomaly**  
9069659

**Deuteranomaly**  
9724240

**Tritanomaly**  
11489622

# Monochromacy



**Original Color**  
11489875

**Achromatopsia**  
7237230

**Achromatomaly**  
8807524

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 11489875 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 #AF5253 looks like.

```
.text, #text, p{  
    color:#AF5253  
}
```

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 #AF5253 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AF5253
}
```

## Border

The CSS property to change the border of an element to Decimal 11489875 is called "border". The border property can be set on classes, ids or directly on the HTML element.

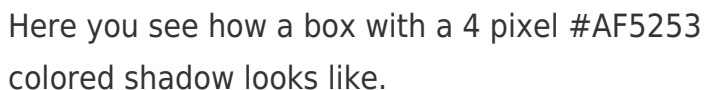
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AF5253 }
```

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

```
.border{ border-color:#AF5253 }
```

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



Here you see how a box with a 4 pixel #AF5253 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AF5253; -webkit-box-shadow:4px 4px  
4px 4px #AF5253; box-shadow:4px 4px 4px  
4px #AF5253 }
```

# Background

The CSS property to change the background color of an element to Decimal 11489875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AF5253 }
```

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

```
.background{ background-color:#AF5253 }
```

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