

# Converting Colors

Decimal(11217721)

Have a look what the booklet for  
Decimal(11217721) contains.

<b>Decimal(11217721)</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(11217721)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AB2B39
RGB	171, 43, 57
RGB Percent	67%, 17%, 22%
CMY	0.3294, 0.8314, 0.7765
CMYK	0.00, 0.75, 0.67, 0.33
HSL	353°, 60%, 42%
HSV	353°, 75%, 67%
XYZ	18.3970, 10.6811, 4.9629
YIQ	82.8680, 71.7940, 31.4900

# Conversions

## Conversions Part 2

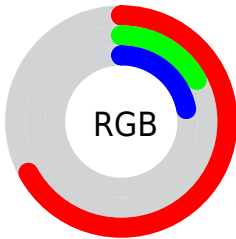
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	171, 43, 57
Decimal	11217721
CIE Lab	39.04, 51.99, 23.45
CIE LCh	39, 57.038, 24.277
Yxy	10.6811, 0.5404, 0.3138
Android (android.graphics.Color)	4289407801 (0xFFAB2B39)
YUV	82.8680, -12.7529, 77.2918
Hunter-Lab	32.6819, 43.2860, 13.8739

# Details

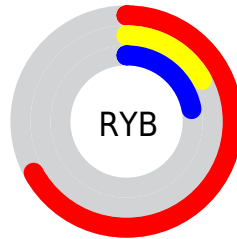
The Decimal color **11217721** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **2861981**, and the grayscale version is **5460819**.

A 20% lighter version of the original color is **15229800**, and **7340047** is the 20% darker color. If you saturate the color by 10%, you get **11213354**, and if you desaturate by 10%, it is **11222088**.

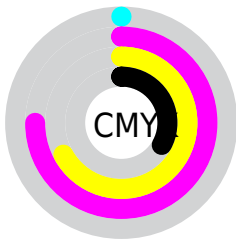
# Distribution



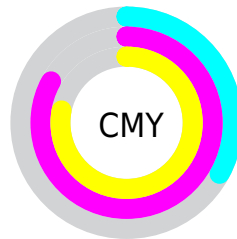
- Red (67%)
- Green (17%)
- Blue (22%)



- Red (67%)
- Yellow (17%)
- Blue (22%)



- Cyan (0%)
- Magenta (75%)
- Yellow (67%)
- Black (33%)




- Cyan (33%)
- Magenta (83%)
- Yellow (78%)
- Black (0%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 11217721 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 11217721 by changing the saturation by 10% instead.



 11217721

 11217721

16777215

 9241380


 15229800

 7340047

 16744065

 5373952

 16751259

 3670018


 16758454

 786432

 16765905

 0

 16773358

 11217721

 11217721

 11213354

 11222088

■ 11208987

■ 11226455

■ 11206675

■ 11230823

■ 11235190

■ 11239557

■ 11244180

■ 11248548

■ 11252915

■ 11257282

# Harmonies

## Analogous

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



11019623



11217721



9978378

# Triad

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



11217721



27680



25785

# Complementary

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



11217721



2861981

# 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.



28071



11217721



28753

# Square

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



11217721



4941056



28801



4478129

# Rectangle

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



11217721



8671488



28801



26806



# Sweetspot

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



11217721



14593458



10234795



7361366



15790320



7368816



# Same Dimension

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



11217721



14554668



11230251



5721679



9830416



1507331



# Inverse Universe

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



11217721



14554668



2849451



5721679



9830416



1507331



# Previews

## White Background



This preview shows how the Decimal color 11217721 looks on a white background.

## Color Contrast Check

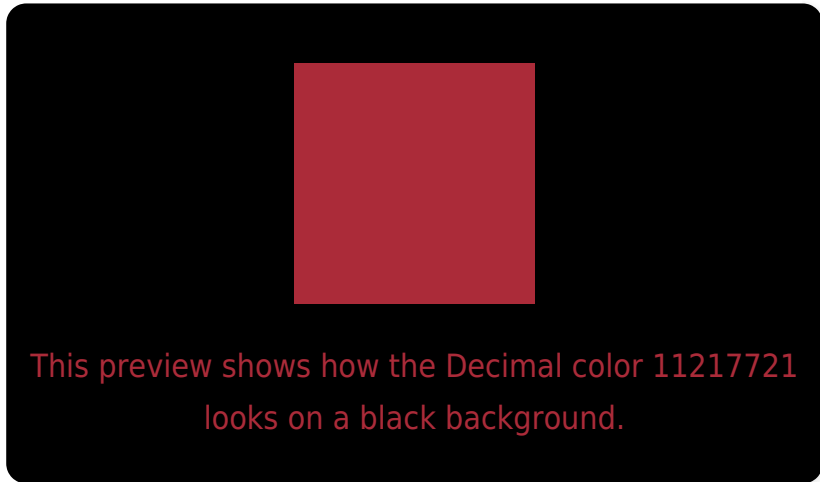
Large Text (above 18pt) WCAG AA ✓ Pass

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 11217721 Background



This preview shows how black text looks on a background with the Decimal color 11217721.

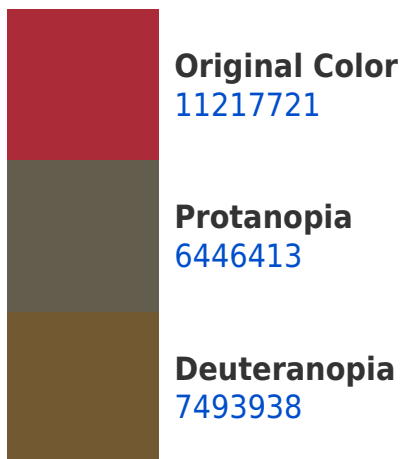


This preview shows how white text looks on a background with the Decimal color 11217721.

# 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



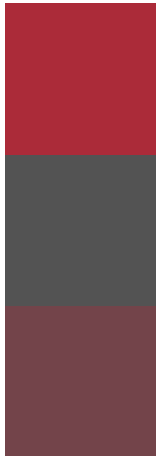
**Original Color**  
11217721

**Protanomaly**  
8211270

**Deuteranomaly**  
8865845

**Tritanomaly**  
11217971

# Monochromacy



**Original Color**  
11217721

**Achromatopsia**  
5460819

**Achromatomaly**  
7554122

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 11217721 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 #AB2B39 looks like.

```
.text, #text, p{  
  color:#AB2B39  
}
```

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 #AB2B39 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB2B39
}
```

## Border

The CSS property to change the border of an element to Decimal 11217721 is called "border". The border property can be set on classes, ids or directly on the HTML element.

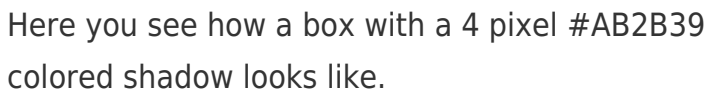
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AB2B39 }
```

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

```
.border{ border-color:#AB2B39 }
```

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



Here you see how a box with a 4 pixel #AB2B39 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB2B39; -webkit-box-shadow:4px 4px  
4px 4px #AB2B39; box-shadow:4px 4px 4px  
4px #AB2B39 }
```

# Background

The CSS property to change the background color of an element to Decimal 11217721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB2B39 }
```

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

```
.background{ background-color:#AB2B39 }
```

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