

# Converting Colors

Decimal(11215137)

Have a look what the booklet for  
Decimal(11215137) contains.

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# Color

**Decimal(11215137)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AB2121
RGB	171, 33, 33
RGB Percent	67%, 13%, 13%
CMY	0.3294, 0.8706, 0.8706
CMYK	0.00, 0.81, 0.81, 0.33
HSL	0°, 68%, 40%
HSV	0°, 81%, 67%
XYZ	17.6130, 9.8554, 2.4128
YIQ	74.2620, 82.2480, 29.2560

# Conversions

## Conversions Part 2

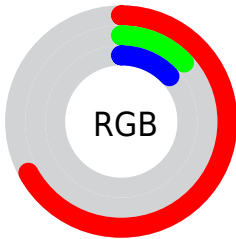
Format	Color
<b>RYB</b>	171, 33, 33
Decimal	11215137
CIELab	37.58, 54.10, 36.21
CIElCh	38, 65.100, 33.791
Yxy	9.8554, 0.5894, 0.3298
Android (android.graphics.Color)	4289405217 (0xFFAB2121)
YUV	74.2620, -20.3422, 84.8392
Hunter-Lab	31.3934, 45.2073, 17.4185

# Details

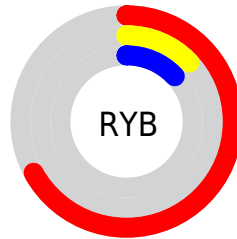
The Decimal color **11215137** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **2206635**, and the grayscale version is **4868682**.

A 20% lighter version of the original color is **15293518**, and **7208960** is the 20% darker color. If you saturate the color by 10%, you get **11210768**, and if you desaturate by 10%, it is **11219506**.

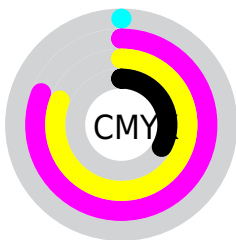
# Distribution



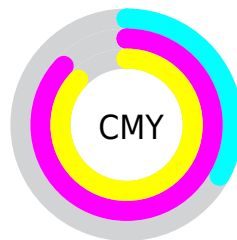
- Red (67%)
- Green (13%)
- Blue (13%)



- Red (67%)
- Yellow (13%)
- Blue (13%)



- Cyan (0%)
- Magenta (81%)
- Yellow (81%)
- Black (33%)



- Cyan (33%)
- Magenta (87%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 11215137 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 11215137 by changing the saturation by 10% instead.



 11215137

 11215137

16777215

 9175052

 15293518

 7208960

 16742247

 5242880

 16749440

 3473410

 16756634

 131072

 16763829

 0

 16771537

 16777197

 11215137

 11215137

■ 11210768

■ 11219506

■ 11206656

■ 11223875

■ 11228244

■ 11232613

■ 11237239

■ 11241608

■ 11245977

■ 11250346

■ 11254715

# Harmonies

## Analogous

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



11599956



11215137



9454336

# Triad

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



11215137



27430



24259

# Complementary

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



11215137



2206635

# 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.



27320



11215137



28254

# Square

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



11215137



3040512



28306



5982129

# Rectangle

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



11215137



7754496



28306



25538



# Sweetspot

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



11215137



14592425



11215275



7360592



15790320



7368816



# Same Dimension

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



11215137



14550791



11232801



5721678



9830400



1507328



# Inverse Universe

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



2206635



515806



2188971



5134167



38550



5911



# Previews

## White Background



This preview shows how the Decimal color 11215137 looks on a white background.

## Color Contrast Check

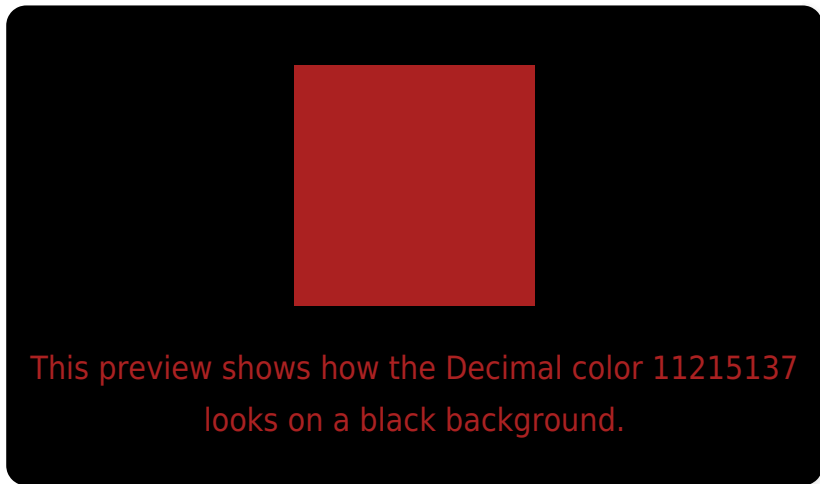
Large Text (above 18pt) WCAG AA ✓ Pass

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 11215137 Background



This preview shows how black text looks on a background with the Decimal color 11215137.



This preview shows how white text looks on a background with the Decimal color 11215137.

# 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**

11215137

**Protanopia**

6511152

**Deuteranopia**

7427348



# Trichromacy



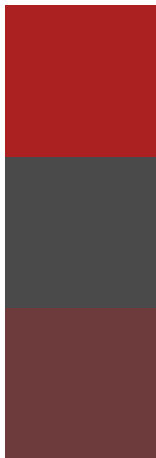
**Original Color**  
11215137

**Protanomaly**  
8209707

**Deuteranomaly**  
8798745

**Tritanomaly**  
11215137

# Monochromacy



**Original Color**  
11215137

**Achromatopsia**  
4868682

**Achromatomaly**  
7158587

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 11215137 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 #AB2121 looks like.

```
.text, #text, p{  
  color:#AB2121  
}
```

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 #AB2121 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB2121
}
```

## Border

The CSS property to change the border of an element to Decimal 11215137 is called "border". The border property can be set on classes, ids or directly on the HTML element.

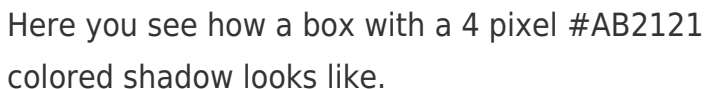
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AB2121 }
```

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

```
.border{ border-color:#AB2121 }
```

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



Here you see how a box with a 4 pixel #AB2121 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB2121; -webkit-box-shadow:4px 4px  
4px 4px #AB2121; box-shadow:4px 4px 4px  
4px #AB2121 }
```

# Background

The CSS property to change the background color of an element to Decimal 11215137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB2121 }
```

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

```
.background{ background-color:#AB2121 }
```

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](#).



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