

# Converting Colors

Android(4288948022)

Have a look what the booklet for  
Android(4288948022) contains.

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# Color

**Android(4288948022)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A42736
RGB	164, 39, 54
RGB Percent	64%, 15%, 21%
CMY	0.3569, 0.8471, 0.7882
CMYK	0.00, 0.76, 0.67, 0.36
HSL	353°, 62%, 40%
HSV	353°, 76%, 64%
XYZ	16.7012, 9.6099, 4.4647
YIQ	78.0850, 69.6850, 31.1650

# Conversions

## Conversions Part 2

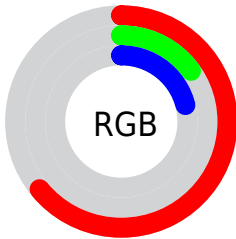
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	164, 39, 54
Decimal	10757942
CIE <sub>Lab</sub>	37.13, 51.03, 22.64
CIE <sub>LCh</sub>	37, 55.829, 23.926
Yxy	9.6099, 0.5427, 0.3123
Android (android.graphics.Color)	4288948022 (0xFFA42736)
YUV	78.0850, -11.8739, 75.3475
Hunter-Lab	30.9998, 41.9175, 13.1608

# Details

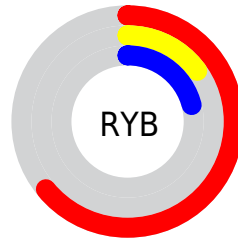
The Android color **4288948022** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **4280788117**, and the grayscale version is **4283321934**.

A 20% lighter version of the original color is **4292960101**, and **4285071371** is the 20% darker color. If you saturate the color by 10%, you get **4288943912**, and if you desaturate by 10%, it is **4288952132**.

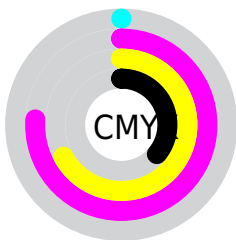
# Distribution



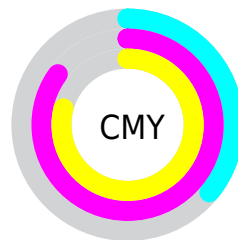
- Red (64%)
- Green (15%)
- Blue (21%)



- Red (64%)
- Yellow (15%)
- Blue (21%)



- Cyan (0%)
- Magenta (76%)
- Yellow (67%)
- Black (36%)



- Cyan (36%)
- Magenta (85%)
- Yellow (79%)
- Black (0%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4288948022 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 Android color 4288948022 by changing the saturation by 10% instead.





4288948022



4288948022

4294967295



4286971937



4292960101



4285071371



4294933118



4283170816



4294940311



4281401346



4294947506



4278190080



4294954702



4294962154



4288948022



4288948022



4288943912



4288952132

 4288939545

 4288956499

 4288938004

 4288960609

 4288964976

 4288969086

 4288973197

 4288977563

 4288981673

 4288986040

# Harmonies

## Analogous

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



4288750179



4288948022



4287774216

# Triad

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



4288948022



4278216477



4278214834

# Complementary

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



4288948022



4280788117

# 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.



4278216864



4288948022



4278217292

# Square

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



4288948022



4282933248



4278217595



4282273963

# Rectangle

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



4288948022



4286467072



4278217595



4278215598



# Sweetspot

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



4288948022



4292257195



4287834020



4285222225



4293651435



4285229931



# Same Dimension

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



4288948022



4292219691



4288959783



4283582794



4287692817



4279369730



# Inverse Universe

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



4288948022



4292219691



4280776356



4283582794



4287692817



4279369730



# Previews

## White Background



This preview shows how the Android color 4288948022 looks on a white background.

## Color Contrast Check

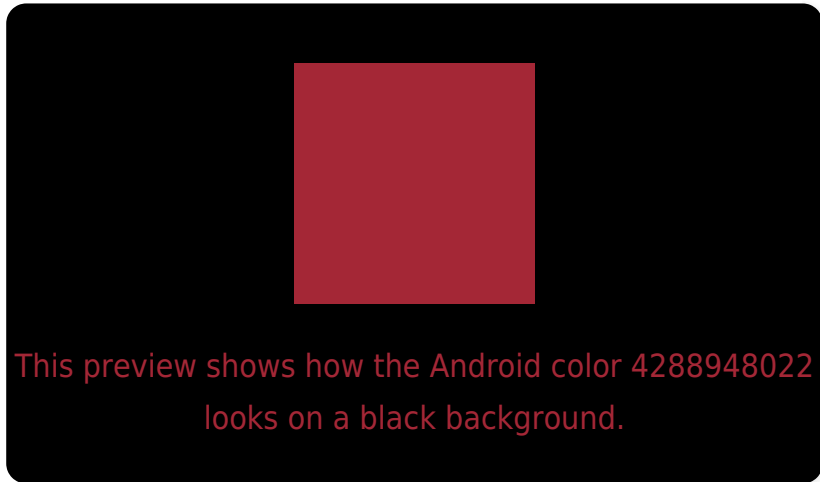
Large Text (above 18pt) WCAG AA ✓ Pass

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](#).



# Android 4288948022 Background



This preview shows how black text looks on a background with the Android color 4288948022.

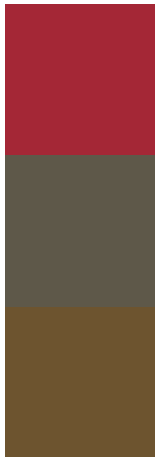


This preview shows how white text looks on a background with the Android color 4288948022.

# 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**  
4288948022

**Protanopia**  
4284373065

**Deuteranopia**  
4285355055



# Trichromacy



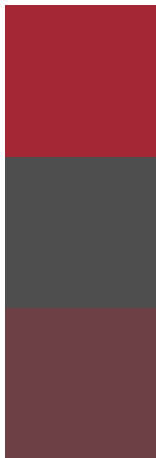
**Original Color**  
4288948022

**Protanomaly**  
4286006850

**Deuteranomaly**  
4286661682

**Tritanomaly**  
4288948270

# Monochromacy



**Original Color**  
4288948022

**Achromatopsia**  
4283321934

**Achromatomaly**  
4285349957

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4288948022 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 `rgb(164, 39, 54)` looks like.

```
.text, #text, p{  
    color:rgb(164, 39, 54)  
}
```

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 rgb(164, 39, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 39, 54) }
```

## Border

The CSS property to change the border of an element to Android 4288948022 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 rgb(164, 39, 54) }
```

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

```
.border{ border-color:rgb(164, 39, 54) }
```

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

Here you see how a box with a 4 pixel rgb(164, 39, 54) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 39, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 39, 54);  
box-shadow:4px 4px 4px 4px rgb(164, 39,  
54) }
```

# Background

The CSS property to change the background color of an element to Android 4288948022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 39, 54) }
```

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

```
.background{ background-color: rgb(164, 39,  
54) }
```

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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