

# Converting Colors

Android(4289607742)

Have a look what the booklet for  
Android(4289607742) contains.

<b>Android(4289607742)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Android(4289607742)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AE383E
RGB	174, 56, 62
RGB Percent	68%, 22%, 24%
CMY	0.3176, 0.7804, 0.7569
CMYK	0.00, 0.68, 0.64, 0.32
HSL	357°, 51%, 45%
HSV	357°, 68%, 68%
XYZ	19.7392, 12.1748, 5.8670
YIQ	91.9660, 68.4020, 26.8820

# Conversions

## Conversions Part 2

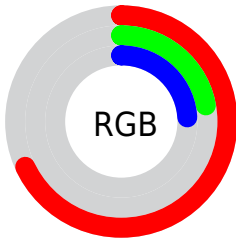
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">174, 56, 62</a>
Decimal	<a href="#">11417662</a>
CIELab	<a href="#">41.49, 48.28, 23.58</a>
CIELCh	<a href="#">41, 53.736, 26.033</a>
Yxy	<a href="#">12.1748, 0.5225, 0.3222</a>
Android (android.graphics.Color)	<a href="#">4289607742 (0xFFAE383E)</a>
YUV	<a href="#">91.9660, -14.7732, 71.9438</a>
Hunter-Lab	<a href="#">34.8924, 39.9187, 14.4553</a>

# Details

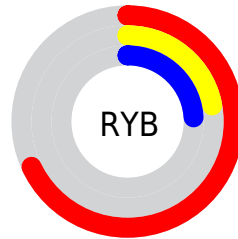
The Android color **4289607742** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **4281904808**, and the grayscale version is **4284243036**.

A 20% lighter version of the original color is **4293619310**, and **4285726740** is the 20% darker color. If you saturate the color by 10%, you get **4289603373**, and if you desaturate by 10%, it is **4289612111**.

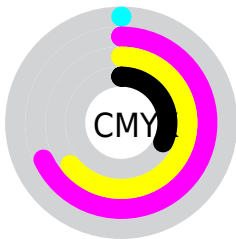
# Distribution



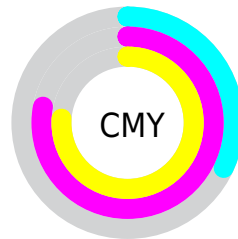
- Red (68%)
- Green (22%)
- Blue (24%)



- Red (68%)
- Yellow (22%)
- Blue (24%)



- Cyan (0%)
- Magenta (68%)
- Yellow (64%)
- Black (32%)



- Cyan (32%)
- Magenta (78%)
- Yellow (76%)
- Black (0%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4289607742 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 4289607742 by changing the saturation by 10% instead.



 4289607742

 4289607742

4294967295

 4287633960

 4293619310

 4285726740

 4294936967

 4283826176

 4294943905

 4282056706

 4294951100

 4279762945

 4294958552

 4278190080

 4294966004

 4289607742

 4289607742

 4289603373

 4289612111

 4289598749

 4289616735

 4289594380

 4289621104

 4289593353

 4289625728

 4289630097

 4289634465

 4289639090

 4289643458

 4289648083

# Harmonies

## Analogous

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



4289475434



4289607742



4288432917

# Triad

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



4289607742



4278219309



4278217146

# Complementary

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



4289607742



4281904808

# 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.



4278219435



4289607742



4278220122

# Square

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



4289607742



4283525888



4278220424



4283718066

# Rectangle

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



4289607742



4287059968



4278220424



4278218168



# Sweetspot

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



4289607742



4293113528



4289083566



4285749081



4294111986



4285756275



# Same Dimension

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



4289607742



4293077812



4289620792



4283911758



4288020488



4279697409



# Inverse Universe

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



4289607742



4293077812



4281891758



4283911758



4288020488



4279697409



# Previews

## White Background



This preview shows how the Android color 4289607742 looks on a white background.

## Color Contrast Check

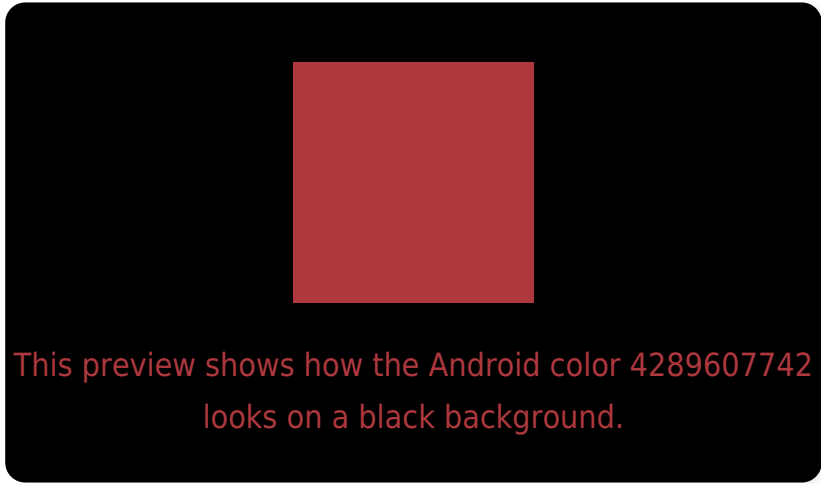
Large Text (above 18pt) WCAG AA ✓ Pass

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](#).



# Android 4289607742 Background



This preview shows how black text looks on a background with the Android color 4289607742.



This preview shows how white text looks on a background with the Android color 4289607742.

# 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**  
4289607742

**Protanopia**  
4285096783

**Deuteranopia**  
4286078520



# Trichromacy



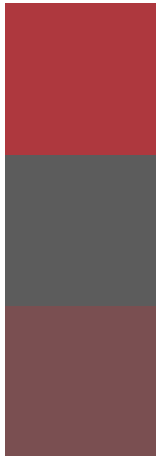
**Original Color**  
4289607742

**Protanomaly**  
4286731081

**Deuteranomaly**  
4287385658

**Tritanomaly**  
4289607740

# Monochromacy



**Original Color**  
4289607742

**Achromatopsia**  
4284243036

**Achromatomaly**  
4286205777

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4289607742 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(174, 56, 62)` looks like.

```
.text, #text, p{  
    color:rgb(174, 56, 62)  
}
```

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(174, 56, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 56, 62) }
```

## Border

The CSS property to change the border of an element to Android 4289607742 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(174, 56, 62) }
```

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

```
.border{ border-color:rgb(174, 56, 62) }
```

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

Here you see how a box with a 4 pixel rgb(174, 56, 62) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 56, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 56, 62);  
box-shadow:4px 4px 4px 4px rgb(174, 56,  
62) }
```

# Background

The CSS property to change the background color of an element to Android 4289607742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 56, 62) }
```

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

```
.background{ background-color: rgb(174, 56,  
62) }
```

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