

# Converting Colors

Android(4287833627)

Have a look what the booklet for  
Android(4287833627) contains.

<b>Android(4287833627)</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**

**Android(4287833627)**

# Conversions

## Conversions Part 1

Format	Color
Hex	93261B
RGB	147, 38, 27
RGB Percent	58%, 15%, 11%
CMY	0.4235, 0.8510, 0.8941
CMYK	0.00, 0.74, 0.82, 0.42
HSL	6°, 69%, 34%
HSV	6°, 82%, 58%
XYZ	12.9236, 7.6684, 1.8359
YIQ	69.3370, 68.4950, 19.6870

# Conversions

## Conversions Part 2

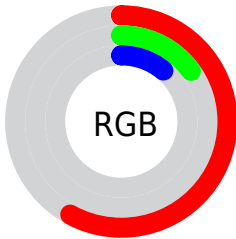
Format	Color
<a href="#">RYB</a>	<a href="#">147, 39, 27</a>
Decimal	<a href="#">9643547</a>
CIELab	<a href="#">33.28, 44.68, 33.68</a>
CIELCh	<a href="#">33, 55.959, 37.010</a>
Yxy	<a href="#">7.6684, 0.5762, 0.3419</a>
Android (android.graphics.Color)	<a href="#">4287833627</a> (0xFF93261B)
YUV	<a href="#">69.3370, -20.8721, 68.1105</a>
Hunter-Lab	<a href="#">27.6919, 34.8436, 15.4535</a>

# Details

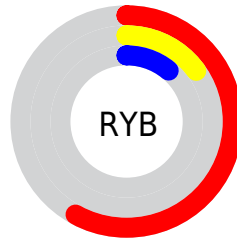
The Android color **4287833627** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **4279994515**, and the grayscale version is **4282729797**.

A 20% lighter version of the original color is **4291779400**, and **4283957248** is the 20% darker color. If you saturate the color by 10%, you get **4287830284**, and if you desaturate by 10%, it is **4287836970**.

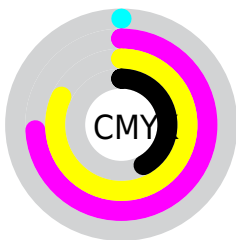
# Distribution



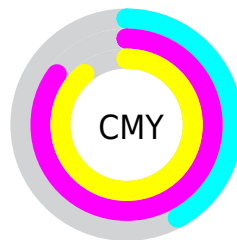
- Red (58%)
- Green (15%)
- Blue (11%)



- Red (58%)
- Yellow (15%)
- Blue (11%)



- Cyan (0%)
- Magenta (74%)
- Yellow (82%)
- Black (42%)



- Cyan (42%)
- Magenta (85%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4287833627 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 4287833627 by changing the saturation by 10% instead.





4287833627



4287833627

4294967295



4285924099



4291779400



4283957248



4293817952



4282122240



4294939001



4280090625



4294945939



4278190080



4294953133



4294960585



4294967269



4287833627



4287833627

■ 4287830284

■ 4287836970

■ 4287827200

■ 4287840568

■ 4287843911

■ 4287847254

■ 4287850852

■ 4287854195

■ 4287857538

■ 4287861137

■ 4287864479

# Harmonies

## Analogous

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



4288286534



4287833627



4286267136

# Triad

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



4287833627



4278214441



4278210983

# Complementary

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



4287833627



4279994515

# 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.



4278213792



4287833627



4278215000

# Square

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



4287833627



4280637952



4278215043



4284104086

# Rectangle

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



4287833627



4284762880



4278215043



4278212008



# Sweetspot

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



4287833627



4290746001



4287830921



4284565317



4292927712



4284572001



# Same Dimension

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



4287833627



4290712836



4287848731



4283056963



4287237376



4278845696



# Inverse Universe

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



4279994515



4278496959



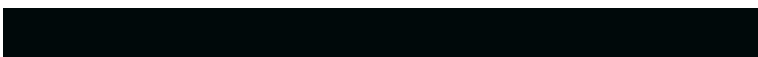
4279979411



4282599754



4278222218



4278192394



# Previews

## White Background



This preview shows how the Android color 4287833627 looks on a white background.

## Color Contrast Check

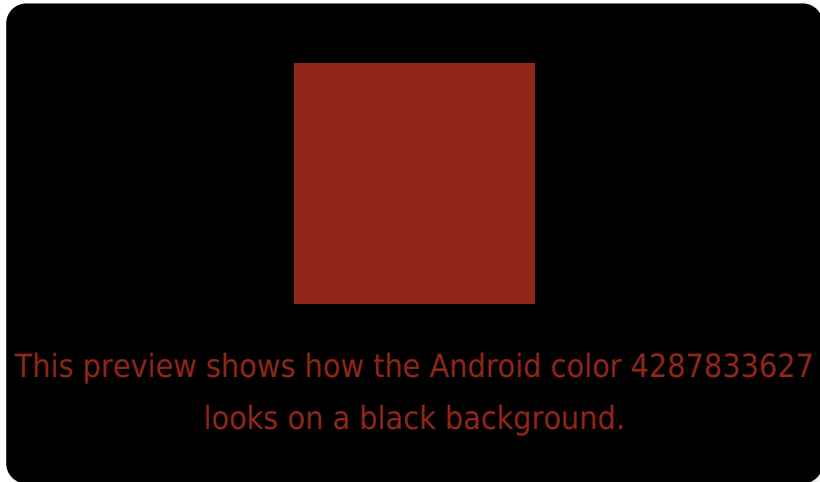
Large Text (above 18pt) WCAG AA ✓ Pass

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 4287833627 Background



This preview shows how black text looks on a background with the Android color 4287833627.



This preview shows how white text looks on a background with the Android color 4287833627.

# 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**  
4287833627

**Protanopia**  
4283977766

**Deuteranopia**  
4284763152



# Trichromacy



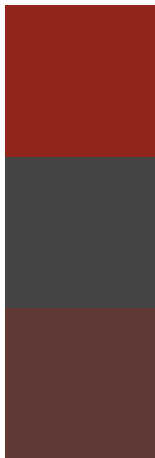
**Original Color**  
4287833627

**Protanomaly**  
4285350178

**Deuteranomaly**  
4285873684

**Tritanomaly**  
4287833378

# Monochromacy



**Original Color**  
4287833627

**Achromatopsia**  
4282729797

**Achromatomaly**  
4284561974

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4287833627 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(147, 38, 27)` looks like.

```
.text, #text, p{  
    color:rgb(147, 38, 27)  
}
```

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(147, 38, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 38, 27) }
```

## Border

The CSS property to change the border of an element to Android 4287833627 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(147, 38, 27) }
```

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

```
.border{ border-color:rgb(147, 38, 27) }
```

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

Here you see how a box with a 4 pixel rgb(147, 38, 27) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 38, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 38, 27);  
box-shadow:4px 4px 4px 4px rgb(147, 38,  
27) }
```

# Background

The CSS property to change the background color of an element to Android 4287833627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 38, 27) }
```

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

```
.background{ background-color: rgb(147, 38,  
27) }
```

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