

# Converting Colors

Android(4290852133)

Have a look what the booklet for  
Android(4290852133) contains.

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# Color

**Android(4290852133)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C13525
RGB	193, 53, 37
RGB Percent	76%, 21%, 15%
CMY	0.2431, 0.7922, 0.8549
CMYK	0.00, 0.73, 0.81, 0.24
HSL	6°, 68%, 45%
HSV	6°, 81%, 76%
XYZ	23.5994, 14.0172, 3.2120
YIQ	93.0360, 88.5760, 24.7040

# Conversions

## Conversions Part 2

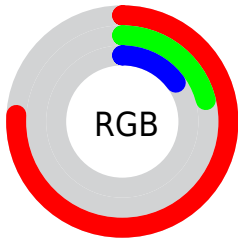
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	193, 55, 37
Decimal	12662053
CIE <sub>Lab</sub>	44.26, 54.53, 42.10
CIE <sub>LCh</sub>	44, 68.888, 37.667
Yxy	14.0172, 0.5780, 0.3433
Android (android.graphics.Color)	4290852133 (0xFFC13525)
YUV	93.0360, -27.6257, 87.6684
Hunter-Lab	37.4396, 46.9948, 21.1211

# Details

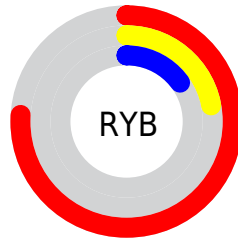
The Android color **4290852133** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **4280660417**, and the grayscale version is **4284308829**.

A 20% lighter version of the original color is **4294929748**, and **4286775296** is the 20% darker color. If you saturate the color by 10%, you get **4290847762**, and if you desaturate by 10%, it is **4290856504**.

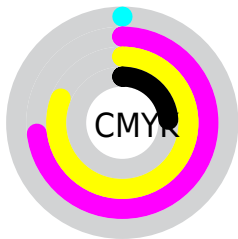
# Distribution



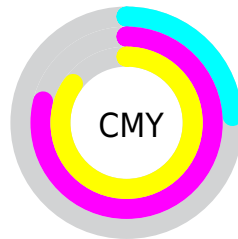
- Red (76%)
- Green (21%)
- Blue (15%)



- Red (76%)
- Yellow (22%)
- Blue (15%)



- Cyan (0%)
- Magenta (73%)
- Yellow (81%)
- Black (24%)



- Cyan (24%)
- Magenta (79%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4290852133 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 4290852133 by changing the saturation by 10% instead.



 4290852133

 4290852133

4294967295

 4288811534

 4294929748

 4286775296

 4294936940

 4284743680

 4294944134

 4282843137

 4294951329

 4280942593

 4294958780

 4278190080

 4294966232

 4294967284

 4290852133

 4290852133

■ 4290847762

■ 4290856504

■ 4290843648

■ 4290861132

■ 4290865503

■ 4290869874

■ 4290874502

■ 4290878873

■ 4290883244

■ 4290887871

■ 4290892243

# Harmonies

## Analogous

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



4291499357



4290852133



4288763136

# Triad

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



4290852133



4278222394



4278217692

# Complementary

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



4290852133



4280660417

# 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.



4278221523



4290852133



4278223222

# Square

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



4290852133



4281432064



4278223022



4286140868

# Rectangle

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



4290852133



4286801152



4278223022



4278219485



# Sweetspot

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



4290852133



4294624446



4290848177



4286405721



4294769916



4286414205



# Same Dimension

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



4290852133



4294582279



4290872101



4284569687



4288745472



4280353536

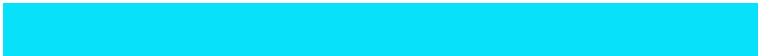


# Inverse Universe

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



4280660417



4278706682



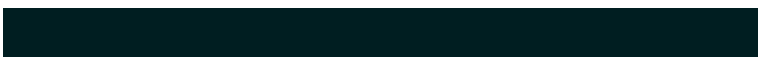
4280640449



4283916385



4278227105



4278197793



# Previews

## White Background



This preview shows how the Android color 4290852133 looks on a white background.

## Color Contrast Check

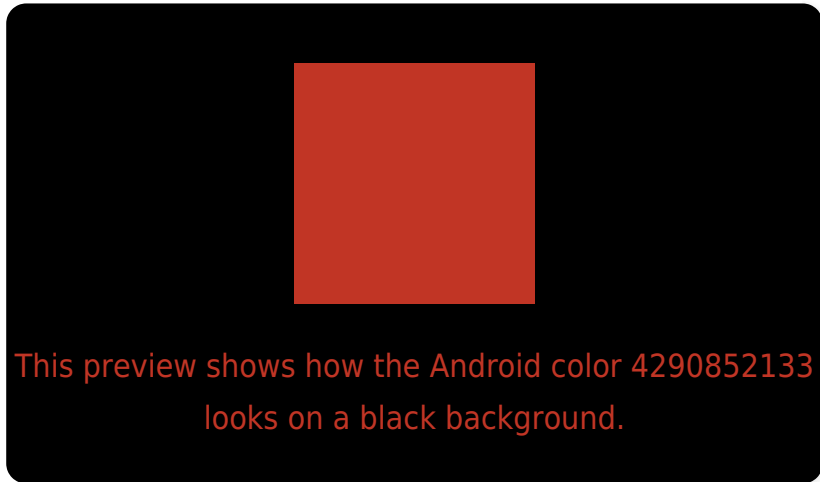
Large Text (above 18pt) WCAG AA ✓ Pass

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 4290852133 Background



This preview shows how black text looks on a background with the Android color 4290852133.



This preview shows how white text looks on a background with the Android color 4290852133.

# 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**  
4290852133

**Protanopia**  
4285884979

**Deuteranopia**  
4286931992



# Trichromacy



**Original Color**  
4290852133

**Protanomaly**  
4287715118

**Deuteranomaly**  
4288369437

**Tritanomaly**  
4290851887

# Monochromacy



**Original Color**  
4290852133

**Achromatopsia**  
4284308829

**Achromatomaly**  
4286664265

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4290852133 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(193, 53, 37)` looks like.

```
.text, #text, p{  
    color:rgb(193, 53, 37)  
}
```

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(193, 53, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 53, 37) }
```

## Border

The CSS property to change the border of an element to Android 4290852133 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(193, 53, 37) }
```

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

```
.border{ border-color:rgb(193, 53, 37) }
```

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

Here you see how a box with a 4 pixel rgb(193, 53, 37) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 53, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 53, 37);  
box-shadow:4px 4px 4px 4px rgb(193, 53,  
37) }
```

# Background

The CSS property to change the background color of an element to Android 4290852133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 53, 37) }
```

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

```
.background{ background-color: rgb(193, 53,  
37) }
```

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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