

# Converting Colors

Android(4291313970)

Have a look what the booklet for  
Android(4291313970) contains.

<b>Android(4291313970)</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(4291313970)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C84132
RGB	200, 65, 50
RGB Percent	78%, 25%, 20%
CMY	0.2157, 0.7451, 0.8039
CMYK	0.00, 0.68, 0.75, 0.22
HSL	6°, 60%, 49%
HSV	6°, 75%, 78%
XYZ	26.2854, 16.2902, 4.7765
YIQ	103.6550, 85.2750, 23.9550

# Conversions

## Conversions Part 2

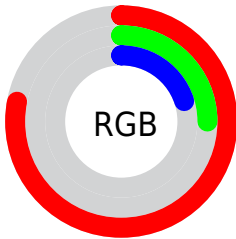
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	200, 67, 50
Decimal	13123890
CIE <sub>Lab</sub>	47.35, 52.69, 38.69
CIE <sub>LCh</sub>	47, 65.367, 36.294
Yxy	16.2902, 0.5551, 0.3440
Android (android.graphics.Color)	4291313970 (0xFFC84132)
YUV	103.6550, -26.4519, 84.4946
Hunter-Lab	40.3612, 45.6171, 21.2361

# Details

The Android color **4291313970** 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 **4281514440**, and the grayscale version is **4285032552**.

A 20% lighter version of the original color is **4294932577**, and **4287234053** is the 20% darker color. If you saturate the color by 10%, you get **4291309342**, and if you desaturate by 10%, it is **4291318598**.

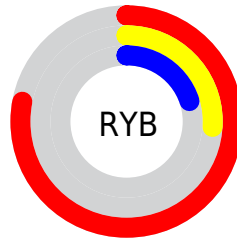
# Distribution



Red (78%)

Green (25%)

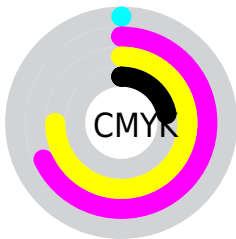
Blue (20%)



Red (78%)

Yellow (26%)

Blue (20%)

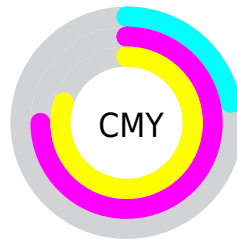


Cyan (0%)

Magenta (68%)

Yellow (75%)

Black (22%)



Cyan (22%)

Magenta (75%)

Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291313970 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 4291313970 by changing the saturation by 10% instead.



 4291313970

 4291313970

4294967295

 4289274652

 4294932577

 4287234053

 4294939515

 4285267968

 4294946709

 4283301888

 4294954159

 4281532418

 4294961611

 4278190080

 4294967271

 4291313970

 4291313970


 4291309342

 4291318598


 4291304714

 4291323226

 4291302400

 4291327854

 4291332482

 4291337110

 4291341738

 4291346366

 4291350994

 4291355622

# Harmonies

## Analogous

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



4291833447



4291313970



4289355008

# Triad

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



4291313970



4278224449



4278219999

# Complementary

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



4291313970



4281514440

# 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.



4278223573



4291313970



4278225019

# Square

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



4291313970



4282547968



4278225073



4286471370

# Rectangle

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



4291313970



4287523840



4278225073



4278221279



# Sweetspot

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



4291313970



4294953668



4291310265



4286603100



4278190080



4286611584



# Same Dimension

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



4291313970



4294914073



4291333170



4284701274



4288876544



4280550400



# Inverse Universe

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



4281514440



4279888127



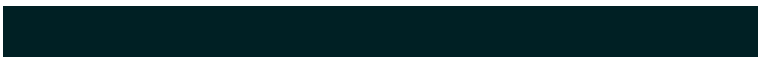
4281495240



4284113507



4278227875

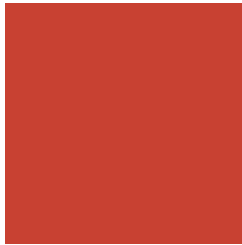


4278198308



# Previews

## White Background



This preview shows how the Android color 4291313970 looks on a white background.

## Color Contrast Check

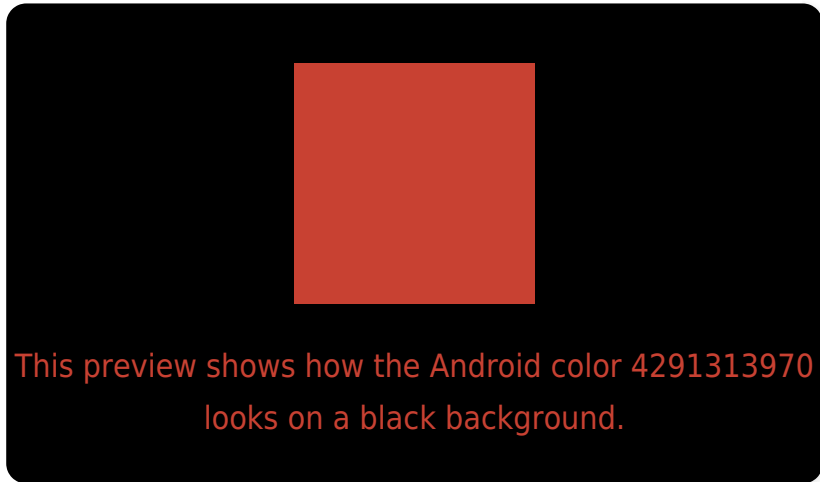
Large Text (above 18pt) WCAG AA ✓ Pass

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 4291313970 Background



This preview shows how black text looks on a background with the Android color 4291313970.



This preview shows how white text looks on a background with the Android color 4291313970.

# 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**  
4291313970

**Protanopia**  
4286345537

**Deuteranopia**  
4287458089



# Trichromacy



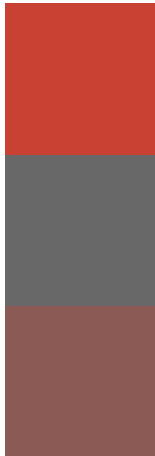
**Original Color**  
4291313970

**Protanomaly**  
4288176188

**Deuteranomaly**  
4288830508

**Tritanomaly**  
4291379260

# Monochromacy



**Original Color**  
4291313970

**Achromatopsia**  
4285032552

**Achromatomaly**  
4287322708

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291313970 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(200, 65, 50)` looks like.

```
.text, #text, p{  
    color:rgb(200, 65, 50)  
}
```

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(200, 65, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 65, 50) }
```

## Border

The CSS property to change the border of an element to Android 4291313970 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(200, 65, 50) }
```

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

```
.border{ border-color:rgb(200, 65, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 65, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 65, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 65, 50);  
box-shadow:4px 4px 4px 4px rgb(200, 65,  
50) }
```

# Background

The CSS property to change the background color of an element to Android 4291313970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 65, 50) }
```

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

```
.background{ background-color: rgb(200, 65,  
50) }
```

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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