

# Converting Colors

Android(4291572531)

Have a look what the booklet for  
Android(4291572531) contains.

<b>Android(4291572531)</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(4291572531)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CC3333
RGB	204, 51, 51
RGB Percent	80%, 20%, 20%
CMY	0.2000, 0.8000, 0.8000
CMYK	0.00, 0.75, 0.75, 0.20
HSL	0°, 60%, 50%
HSV	0°, 75%, 80%
XYZ	26.6832, 15.4440, 4.7066
YIQ	96.7470, 91.1880, 32.4360

# Conversions

## Conversions Part 2

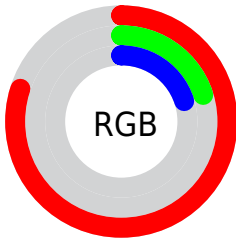
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	204, 51, 51
Decimal	13382451
CIE <sub>Lab</sub>	46.24, 59.13, 37.11
CIE <sub>LCh</sub>	46, 69.815, 32.114
Yxy	15.4440, 0.5697, 0.3298
Android (android.graphics.Color)	4291572531 (0xFFCC3333)
YUV	96.7470, -22.5533, 94.0609
Hunter-Lab	39.2989, 52.4250, 20.4084

# Details

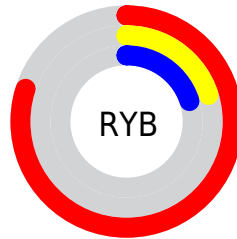
The Android color **4291572531** is a dark color, and the websafe version is hex **CC3333**, and the color name is **persian red**. The color can be described as dark muted red. A complement of this color would be **4281584844**, and the grayscale version is **4284572001**.

A 20% lighter version of the original color is **4294929762**, and **4287496199** is the 20% darker color. If you saturate the color by 10%, you get **4291567391**, and if you desaturate by 10%, it is **4291577671**.

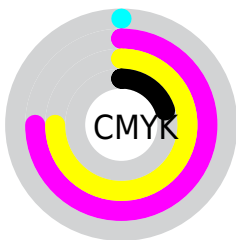
# Distribution



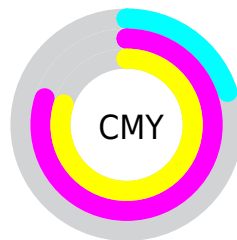
- Red (80%)
- Green (20%)
- Blue (20%)



- Red (80%)
- Yellow (20%)
- Blue (20%)



- Cyan (0%)
- Magenta (75%)
- Yellow (75%)
- Black (20%)




- Cyan (20%)
- Magenta (80%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291572531 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 4291572531 by changing the saturation by 10% instead.



 4291572531

 4291572531

4294967295

 4289530141

 4294929762

 4287496199

 4294936955

 4285464576

 4294944405

 4283432961


 4294951600

 4281597954


 4294959307

 4278190080


 4294966760


 4291572531

 4291572531


 4291567391


 4291577671


 4291561994


 4291583068


 4291559424


 4291588208


 4291593605

 4291598745

 4291603885

 4291609282

 4291614422

 4291619819

# Harmonies

## Analogous

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



4291894380



4291572531



4289680384

# Triad

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



4291572531



4278223666



4278220004

# Complementary

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



4291572531



4281584844

# 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.



4278223317



4291572531



4278224496

# Square

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



4291572531



4282743552



4278224555



4285291730

# Rectangle

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



4291572531



4287784448



4278224555



4278221539



# Sweetspot

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



4291572531



4294952132



4291572684



4286602332



4278190080



4286611584



# Same Dimension

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



4291572531



4294908185



4291592243



4284898396



4289069056



4280680448



# Inverse Universe

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



4281584844



4279894015



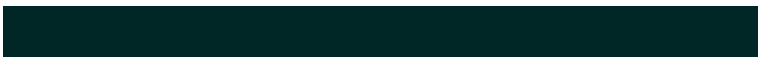
4281565388



4284245606



4278232742



4278199846



# Previews

## White Background



This preview shows how the Android color 4291572531 looks on a white background.

## Color Contrast Check

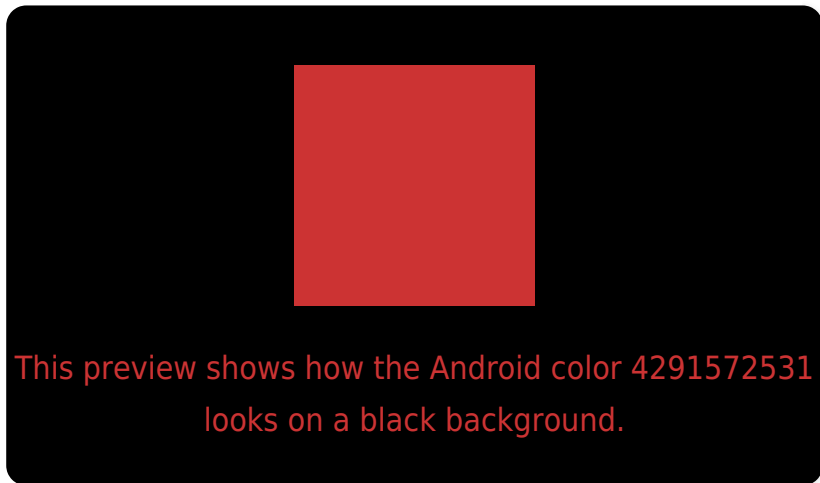
Large Text (above 18pt) WCAG AA ✓ Pass

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 4291572531 Background



This preview shows how black text looks on a background with the Android color 4291572531.

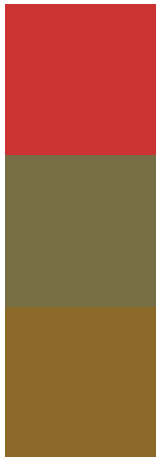


This preview shows how white text looks on a background with the Android color 4291572531.

# 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**  
[4291572531](#)

**Protanopia**  
[4286082630](#)

**Deuteranopia**  
[4287260969](#)



# Trichromacy



**Original Color**  
4291572531

**Protanomaly**  
4288108863

**Deuteranomaly**  
4288828717

**Tritanomaly**  
4291572532

# Monochromacy



**Original Color**  
4291572531

**Achromatopsia**  
4284572001

**Achromatomaly**  
4287123536

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291572531 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(204, 51, 51)` looks like.

```
.text, #text, p{  
    color:rgb(204, 51, 51)  
}
```

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(204, 51, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 51, 51) }
```

## Border

The CSS property to change the border of an element to Android 4291572531 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(204, 51, 51) }
```

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

```
.border{ border-color:rgb(204, 51, 51) }
```

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

Here you see how a box with a 4 pixel rgb(204, 51, 51) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 51, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 51, 51);  
box-shadow:4px 4px 4px 4px rgb(204, 51,  
51) }
```

# Background

The CSS property to change the background color of an element to Android 4291572531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 51, 51) }
```

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

```
.background{ background-color: rgb(204, 51,  
51) }
```

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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