

# Converting Colors

Android(4291316536)

Have a look what the booklet for  
Android(4291316536) contains.

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# Color

**Android(4291316536)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C84B38
RGB	200, 75, 56
RGB Percent	78%, 29%, 22%
CMY	0.2157, 0.7059, 0.7804
CMYK	0.00, 0.62, 0.72, 0.22
HSL	8°, 57%, 50%
HSV	8°, 72%, 78%
XYZ	27.0493, 17.5970, 5.7123
YIQ	110.2090, 80.5990, 20.5910

# Conversions

## Conversions Part 2

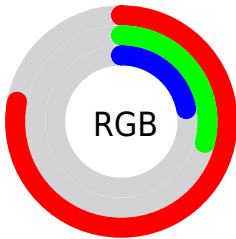
<b>Format</b>	<b>Color</b>
<b>RYB</b>	200, 78, 56
Decimal	13126456
CIELab	49.00, 48.70, 37.20
CIElCh	49, 61.282, 37.380
Yxy	17.5970, 0.5371, 0.3494
Android (android.graphics.Color)	4291316536 (0xFFC84B38)
YUV	110.2090, -26.7250, 78.7467
Hunter-Lab	41.9488, 41.6893, 21.2905

# Details

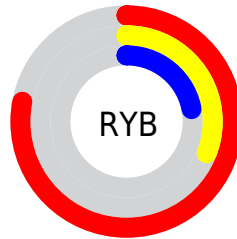
The Android color **4291316536** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **4281906632**, and the grayscale version is **4285427310**.

A 20% lighter version of the original color is **4294934888**, and **4287303436** is the 20% darker color. If you saturate the color by 10%, you get **4291312164**, and if you desaturate by 10%, it is **4291320908**.

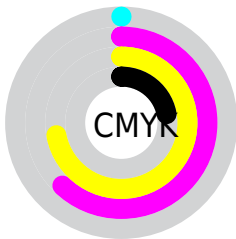
# Distribution



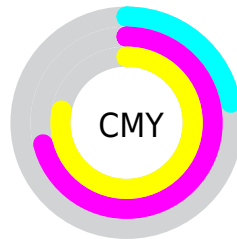
- Red (78%)
- Green (29%)
- Blue (22%)



- Red (78%)
- Yellow (31%)
- Blue (22%)



- Cyan (0%)
- Magenta (62%)
- Yellow (72%)
- Black (22%)




- Cyan (22%)
- Magenta (71%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291316536 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 4291316536 by changing the saturation by 10% instead.



 4291316536

 4291316536

4294967295

 4289277986

 4294934888

 4287303436

 4294941825

 4285333504

 4294949020

 4283367424

 4294956471


 4281663490

 4294963922


 4278386688


 4294967279

 4278190080

 4291316536

 4291316536


 4291312164

 4291320908

 4291307536

 4291325536

 4291303936


 4291329908

 4291334280

 4291338908

 4291343280

 4291347908

 4291352280

 4291356652

# Harmonies

## Analogous

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



4291836778



4291316536



4289422082

# Triad

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



4291316536



4278225226



4278220764

# Complementary

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



4291316536



4281906632

# 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.



4278224340



4291316536



4278226048

# Square

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



4291316536



4283007764



4278225842



4286931144

# Rectangle

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



4291316536



4287656192



4278225842



4278222045



# Sweetspot

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



4291316536



4294954695



4291311799



4286604126



4278190080



4286611584



# Same Dimension

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



4291316536



4294918436



4291334456



4284701530



4288878080



4280550656

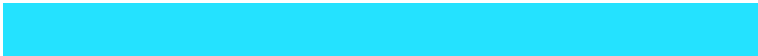


# Inverse Universe

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



4281906632



4280607487



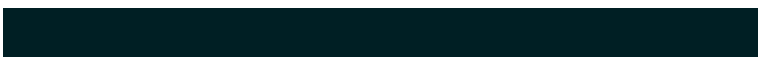
4281888712



4284113507



4278226595

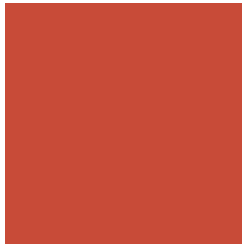


4278198052



# Previews

## White Background



This preview shows how the Android color 4291316536 looks on a white background.

## Color Contrast Check

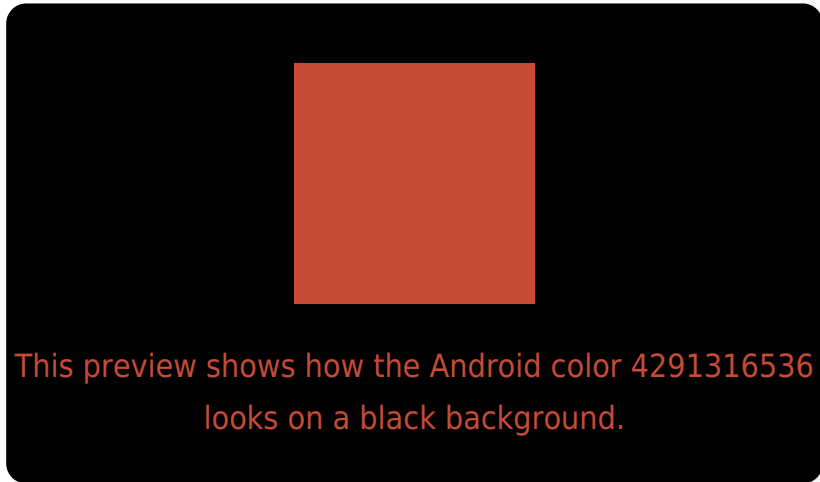
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4291316536 Background



This preview shows how black text looks on a background with the Android color 4291316536.



This preview shows how white text looks on a background with the Android color 4291316536.

# 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**  
4291316536

**Protanopia**  
4286608710

**Deuteranopia**  
4287721264



# Trichromacy



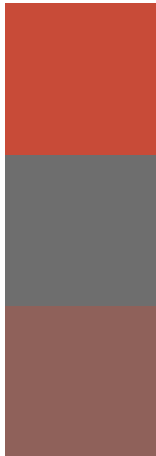
**Original Color**  
4291316536

**Protanomaly**  
4288308801

**Deuteranomaly**  
4289028659

**Tritanomaly**  
4291381573

# Monochromacy



**Original Color**  
4291316536

**Achromatopsia**  
4285427310

**Achromatomaly**  
4287586650

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291316536 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, 75, 56)` looks like.

```
.text, #text, p{  
    color:rgb(200, 75, 56)  
}
```

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, 75, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 75, 56) }
```

## Border

The CSS property to change the border of an element to Android 4291316536 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, 75, 56) }
```

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

```
.border{ border-color:rgb(200, 75, 56) }
```

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

Here you see how a box with a 4 pixel rgb(200, 75, 56) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 75, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 75, 56);  
box-shadow:4px 4px 4px 4px rgb(200, 75,  
56) }
```

# Background

The CSS property to change the background color of an element to Android 4291316536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 75, 56) }
```

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

```
.background{ background-color: rgb(200, 75,  
56) }
```

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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