

# Converting Colors

Android(4291571241)

Have a look what the booklet for  
Android(4291571241) contains.

<b>Android(4291571241)</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(4291571241)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CC2E29
RGB	204, 46, 41
RGB Percent	80%, 18%, 16%
CMY	0.2000, 0.8196, 0.8392
CMYK	0.00, 0.77, 0.80, 0.20
HSL	2°, 67%, 48%
HSV	2°, 80%, 80%
XYZ	26.2791, 14.9515, 3.5987
YIQ	92.6720, 95.7730, 31.9410

# Conversions

## Conversions Part 2

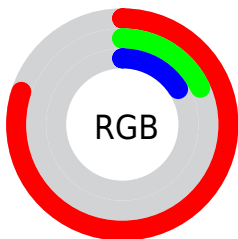
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">204, 46, 41</a>
Decimal	<a href="#">13381161</a>
CIELab	<a href="#">45.57, 60.35, 41.97</a>
CIElCh	<a href="#">46, 73.511, 34.813</a>
Yxy	<a href="#">14.9515, 0.5862, 0.3335</a>
Android (android.graphics.Color)	<a href="#">4291571241</a> ( <a href="#">0xFFCC2E29</a> )
YUV	<a href="#">92.6720, -25.4743, 97.6347</a>
Hunter-Lab	<a href="#">38.6671, 53.6453, 21.5490</a>

# Details

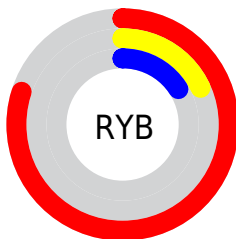
The Android color **4291571241** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **4280928204**, and the grayscale version is **4284308829**.

A 20% lighter version of the original color is **4294928728**, and **4287430656** is the 20% darker color. If you saturate the color by 10%, you get **4291566101**, and if you desaturate by 10%, it is **4291576381**.

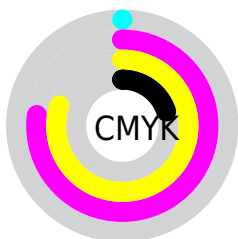
# Distribution



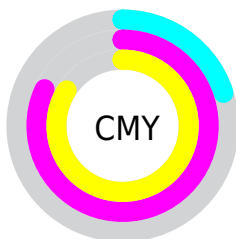
- Red (80%)
- Green (18%)
- Blue (16%)



- Red (80%)
- Yellow (18%)
- Blue (16%)



- Cyan (0%)
- Magenta (77%)
- Yellow (80%)
- Black (20%)




- Cyan (20%)
- Magenta (82%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291571241 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 4291571241 by changing the saturation by 10% instead.



 4291571241

 4291571241

4294967295

 4289462291

 4294928728

 4287430656

 4294936177

 4285399040

 4294943370

 4283432961

 4294950821


 4281532418

 4294958272

 4278190080

 4294965980

 4294967289

 4291571241

 4291571241

■ 4291566101

■ 4291576381

■ 4291560960

■ 4291581522

■ 4291586406

■ 4291591547

■ 4291596687

■ 4291601827

■ 4291606712

■ 4291611852

■ 4291616993

# Harmonies

## Analogous

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



4292083813



4291571241



4289418240

# Triad

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



4291571241



4278223411



4278219240

# Complementary

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



4291571241



4280928204

# 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.



4278223068



4291571241



4278224245

# Square

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



4291571241



4281826048



4278224305



4285748946

# Rectangle

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



4291571241



4287391232



4278224305



4278220776



# Sweetspot

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



4291571241



4294952130



4291570121



4286602331



4278190080



4286611584



# Same Dimension

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



4291571241



4294906378



4291591465



4284898396



4289070336



4280680704



# Inverse Universe

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



4280928204



4278908927



4280907980



4284245606



4278231462



4278199590



# Previews

## White Background



This preview shows how the Android color 4291571241 looks on a white background.

## Color Contrast Check

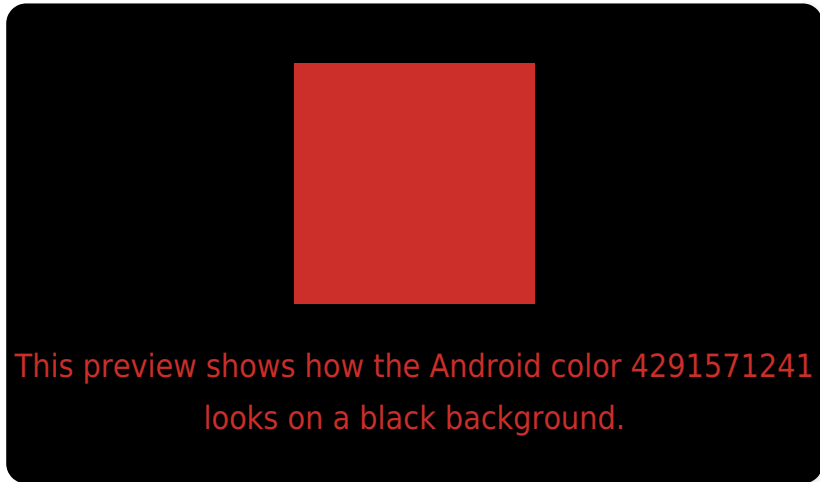
Large Text (above 18pt) WCAG AA ✓ Pass

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 4291571241 Background



This preview shows how black text looks on a background with the Android color 4291571241.



This preview shows how white text looks on a background with the Android color 4291571241.

# 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**  
4291571241

**Protanopia**  
4286082363

**Deuteranopia**  
4287194907



# Trichromacy



**Original Color**  
4291571241

**Protanomaly**  
4288108084

**Deuteranomaly**  
4288762400

**Tritanomaly**  
4291570988

# Monochromacy



**Original Color**  
4291571241

**Achromatopsia**  
4284308829

**Achromatomaly**  
4286925898

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291571241 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, 46, 41)` looks like.

```
.text, #text, p{  
    color:rgb(204, 46, 41)  
}
```

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, 46, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 46, 41) }
```

## Border

The CSS property to change the border of an element to Android 4291571241 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, 46, 41) }
```

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

```
.border{ border-color:rgb(204, 46, 41) }
```

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

Here you see how a box with a 4 pixel rgb(204, 46, 41) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 46, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 46, 41);  
box-shadow:4px 4px 4px 4px rgb(204, 46,  
41) }
```

# Background

The CSS property to change the background color of an element to Android 4291571241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 46, 41) }
```

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

```
.background{ background-color: rgb(204, 46,  
41) }
```

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