

# Converting Colors

Android(4291700770)

Have a look what the booklet for  
Android(4291700770) contains.

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# Color

**Android(4291700770)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CE2822
RGB	206, 40, 34
RGB Percent	81%, 16%, 13%
CMY	0.1922, 0.8431, 0.8667
CMYK	0.00, 0.81, 0.83, 0.19
HSL	2°, 72%, 47%
HSV	2°, 83%, 81%
XYZ	26.5011, 14.7549, 2.9646
YIQ	88.9500, 100.8620, 33.3260

# Conversions

## Conversions Part 2

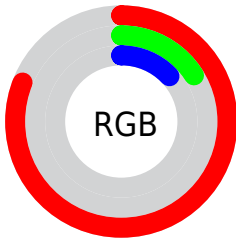
Format	Color
<a href="#">RYB</a>	206, 40, 34
Decimal	13510690
CIELab	45.30, 62.44, 45.52
CIELCh	45, 77.267, 36.092
Yxy	14.7549, 0.5993, 0.3337
Android (android.graphics.Color)	4291700770 (0xFFCE2822)
YUV	88.9500, -27.0903, 102.6529
Hunter-Lab	38.4121, 55.9289, 22.3126

# Details

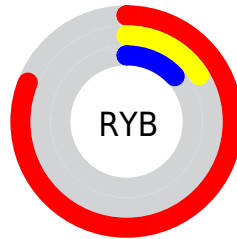
The Android color **4291700770** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **4280469710**, and the grayscale version is **4284045657**.

A 20% lighter version of the original color is **4294927953**, and **4287561728** is the 20% darker color. If you saturate the color by 10%, you get **4291695629**, and if you desaturate by 10%, it is **4291705911**.

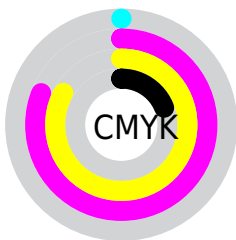
# Distribution



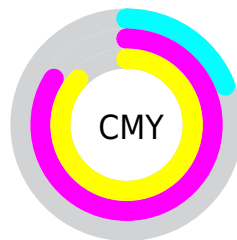
- Red (81%)
- Green (16%)
- Blue (13%)



- Red (81%)
- Yellow (16%)
- Blue (13%)



- Cyan (0%)
- Magenta (81%)
- Yellow (83%)
- Black (19%)




- Cyan (19%)
- Magenta (84%)
- Yellow (87%)


# Brightness & Saturation Gradients

These gradients show how the Android color 4291700770 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 4291700770 by changing the saturation by 10% instead.



 4291700770

 4291700770

4294967295

 4289593355

 4294927953

 4287561728

 4294935145

 4285464576

 4294942595

 4283498497

 4294950045


 4281597954

 4294957496

 4278190080

 4294964948

 4294967281

 4291700770

 4291700770

■ 4291695629

■ 4291705911

■ 4291692288

■ 4291711051

■ 4291716192

■ 4291721332

■ 4291726217

■ 4291731358

■ 4291736498

■ 4291741639

■ 4291746779

# Harmonies

## Analogous

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



4292345953



4291700770



4289417984

# Triad

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



4291700770



4278223666



4278218990

# Complementary

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



4291700770



4280469710

# 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.



4278223074



4291700770



4278224503

# Square

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



4291700770



4281105408



4278224311



4286010069

# Rectangle

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



4291700770



4287260160



4278224311



4278220782



# Sweetspot

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



4291700770



4294951359



4291699400



4286602073



4278190080



4286611584



# Same Dimension

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



4291700770



4294904064



4291722786



4284898396



4289070592



4280680704



# Inverse Universe

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



4280469710



4278253311



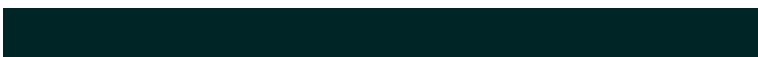
4280447694



4284245606



4278231206



4278199590



# Previews

## White Background



This preview shows how the Android color 4291700770 looks on a white background.

## Color Contrast Check

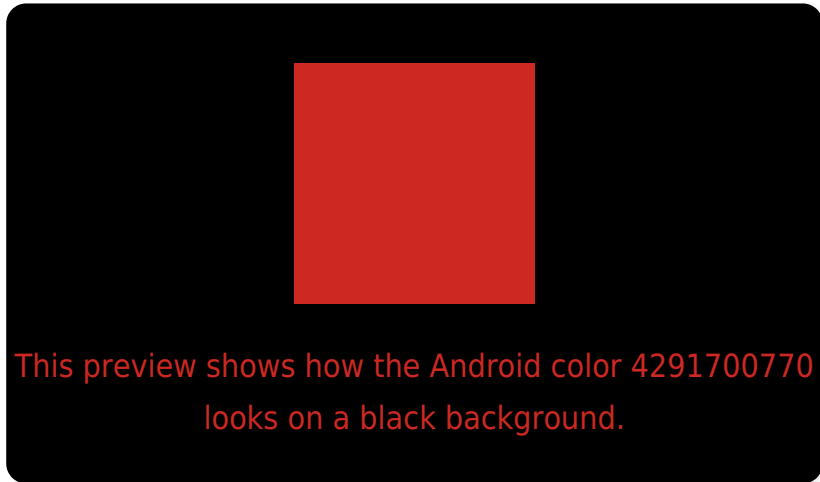
Large Text (above 18pt) WCAG AA ✓ Pass

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 4291700770 Background



This preview shows how black text looks on a background with the Android color 4291700770.



This preview shows how white text looks on a background with the Android color 4291700770.

# 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





# Trichromacy



**Original Color**  
4291700770

**Protanomaly**  
4288107309

**Deuteranomaly**  
4288827413

**Tritanomaly**  
4291700517

# Monochromacy



**Original Color**  
4291700770

**Achromatopsia**  
4284045657

**Achromatomaly**  
4286859077

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291700770 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(206, 40, 34)` looks like.

```
.text, #text, p{  
    color:rgb(206, 40, 34)  
}
```

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(206, 40, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 40, 34) }
```

## Border

The CSS property to change the border of an element to Android 4291700770 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(206, 40, 34) }
```

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

```
.border{ border-color:rgb(206, 40, 34) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 40, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 40, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 40, 34);  
box-shadow:4px 4px 4px 4px rgb(206, 40,  
34) }
```

# Background

The CSS property to change the background color of an element to Android 4291700770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 40, 34) }
```

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

```
.background{ background-color: rgb(206, 40,  
34) }
```

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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