

# Converting Colors

Android(4291116074)

Have a look what the booklet for  
Android(4291116074) contains.

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# Color

**Android(4291116074)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C53C2A
RGB	197, 60, 42
RGB Percent	77%, 24%, 16%
CMY	0.2275, 0.7647, 0.8353
CMYK	0.00, 0.70, 0.79, 0.23
HSL	7°, 65%, 47%
HSV	7°, 79%, 77%
XYZ	25.0597, 15.2692, 3.8169
YIQ	98.9110, 87.4300, 23.4460

# Conversions

## Conversions Part 2

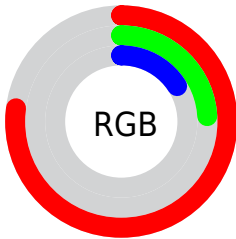
<b>Format</b>	<b>Color</b>
<b>RYB</b>	197, 62, 42
Decimal	12925994
CIELab	46.00, 53.37, 41.44
CIELCh	46, 67.570, 37.830
Yxy	15.2692, 0.5677, 0.3459
Android (android.graphics.Color)	4291116074 (0xFFC53C2A)
YUV	98.9110, -28.0571, 86.0241
Hunter-Lab	39.0758, 46.0912, 21.5616

# Details

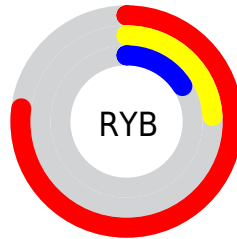
The Android color **4291116074** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **4280988613**, and the grayscale version is **4284703587**.

A 20% lighter version of the original color is **4294931289**, and **4287037440** is the 20% darker color. If you saturate the color by 10%, you get **4291111702**, and if you desaturate by 10%, it is **4291120446**.

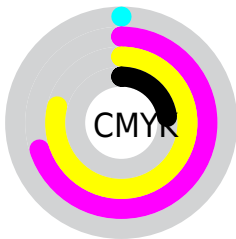
# Distribution



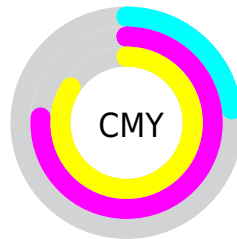
- Red (77%)
- Green (24%)
- Blue (16%)



- Red (77%)
- Yellow (24%)
- Blue (16%)



- Cyan (0%)
- Magenta (70%)
- Yellow (79%)
- Black (23%)



- Cyan (23%)
- Magenta (76%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291116074 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 4291116074 by changing the saturation by 10% instead.





4291116074



4291116074

4294967295



4289076500



4294931289



4287037440



4294938482



4285071360



4294945676



4283105280



4294952870



4281270274



4294960322



4278190080



4294967262



4294967291



4291116074



4291116074

■ 4291111702

■ 4291120446

■ 4291107075

■ 4291125073

■ 4291106560

■ 4291129445

■ 4291134073

■ 4291138445

■ 4291142816

■ 4291147444

■ 4291151816

■ 4291156443

# Harmonies

## Analogous

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



4291765089



4291116074



4289026560

# Triad

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



4291116074



4278223679



4278218718

# Complementary

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



4291116074



4280988613

# 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.



4278222550



4291116074



4278224251

# Square

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



4291116074



4281826304



4278224306



4286535367

# Rectangle

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



4291116074



4287129856



4278224306



4278220511



# Sweetspot

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



4291116074



4294953410



4291111606



4286603099



4278190080



4286611584



# Same Dimension

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



4291116074



4294912783



4291135274



4284701530



4288877312



4280550400

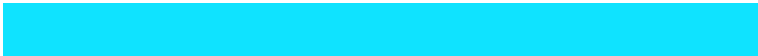


# Inverse Universe

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



4280988613



4279231487



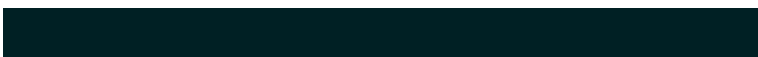
4280969413



4284113507



4278227107



4278198308



# Previews

## White Background



This preview shows how the Android color 4291116074 looks on a white background.

## Color Contrast Check

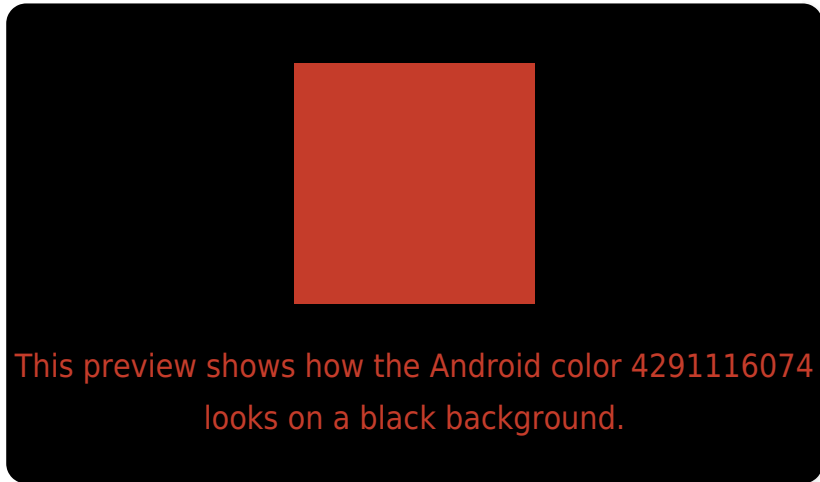
Large Text (above 18pt) WCAG AA ✓ Pass

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 4291116074 Background



This preview shows how black text looks on a background with the Android color 4291116074.



This preview shows how white text looks on a background with the Android color 4291116074.

# 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**  
4291116074

**Protanopia**  
4286148152

**Deuteranopia**  
4287260703



**Tritanopia**  
4291181116

# Trichromacy



**Original Color**  
4291116074

**Protanomaly**  
4287978547

**Deuteranomaly**  
4288632867

**Tritanomaly**  
4291181365

# Monochromacy



**Original Color**  
4291116074

**Achromatopsia**  
4284703587

**Achromatomaly**  
4287059278

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291116074 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(197, 60, 42)` looks like.

```
.text, #text, p{  
    color:rgb(197, 60, 42)  
}
```

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(197, 60, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 60, 42) }
```

## Border

The CSS property to change the border of an element to Android 4291116074 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(197, 60, 42) }
```

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

```
.border{ border-color:rgb(197, 60, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 60, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 60, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 60, 42);  
box-shadow:4px 4px 4px 4px rgb(197, 60,  
42) }
```

# Background

The CSS property to change the background color of an element to Android 4291116074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 60, 42) }
```

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

```
.background{ background-color: rgb(197, 60,  
42) }
```

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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