

# Converting Colors

Android(4291442454)

Have a look what the booklet for  
Android(4291442454) contains.

<b>Android(4291442454)</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(4291442454)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CA3716
RGB	202, 55, 22
RGB Percent	79%, 22%, 9%
CMY	0.2078, 0.7843, 0.9137
CMYK	0.00, 0.73, 0.89, 0.21
HSL	11°, 80%, 44%
HSV	11°, 89%, 79%
XYZ	25.8681, 15.3469, 2.3579
YIQ	95.1910, 98.2050, 20.9010

# Conversions

## Conversions Part 2

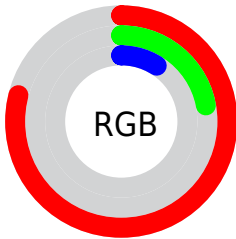
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	202, 62, 22
Decimal	13252374
CIE Lab	46.11, 56.33, 51.33
CIE LCh	46, 76.209, 42.343
Yxy	15.3469, 0.5937, 0.3522
Android (android.graphics.Color)	4291442454 (0xFFCA3716)
YUV	95.1910, -36.0832, 93.6715
Hunter-Lab	39.1751, 49.3110, 23.8540

# Details

The Android color **4291442454** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **4279675338**, and the grayscale version is **4284440415**.

A 20% lighter version of the original color is **4294930503**, and **4287299584** is the 20% darker color. If you saturate the color by 10%, you get **4291438338**, and if you desaturate by 10%, it is **4291446570**.

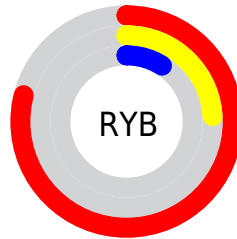
# Distribution



Red (79%)

Green (22%)

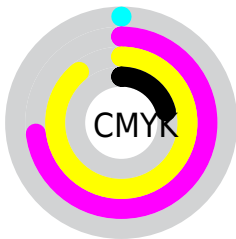
Blue (9%)



Red (79%)

Yellow (24%)

Blue (9%)

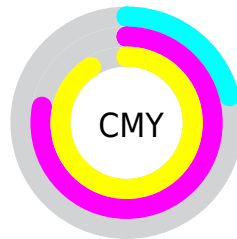


Cyan (0%)

Magenta (73%)

Yellow (89%)

Black (21%)



Cyan (21%)

Magenta (78%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291442454 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 4291442454 by changing the saturation by 10% instead.





4291442454



4291442454

4294967295



4289336320



4294930503



4287299584



4294937440



4285267968



4294944633



4283301888



4294952083



4281466882



4294959535



4278190080



4294967242



4294967271



4291442454



4291442454

■ 4291438338

■ 4291446570

■ 4291437824

■ 4291450942

■ 4291455059

■ 4291459431

■ 4291463547

■ 4291467919

■ 4291472035

■ 4291476408

■ 4291480524

# Harmonies

## Analogous

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



4292477014



4291442454



4288896000

# Triad

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



4291442454



4278224452



4278218220

# Complementary

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



4291442454



4279675338

# 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.



4278222824



4291442454



4278225031

# Square

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



4291442454



4279205632



4278224835



4287450573

# Rectangle

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



4291442454



4286672128



4278224835



4278220271



# Sweetspot

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



4291442454



4294952890



4291434153



4286602839



4278190080



4286611584



# Same Dimension

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



4291442454



4294913792



4291465494



4284898908



4289076736



4280682240

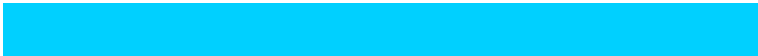


# Inverse Universe

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



4279675338



4278243583



4279652298



4284245094



4278224806



4278198054



# Previews

## White Background



This preview shows how the Android color 4291442454 looks on a white background.

## Color Contrast Check

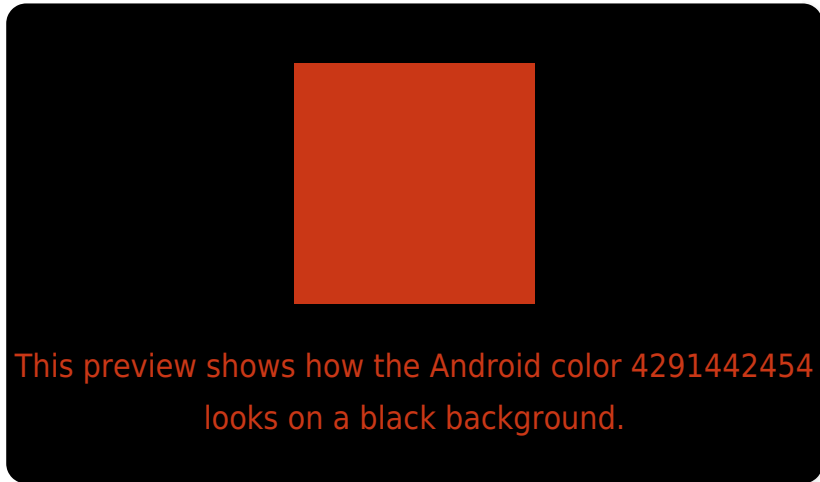
Large Text (above 18pt) WCAG AA ✓ Pass

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 4291442454 Background



This preview shows how black text looks on a background with the Android color 4291442454.



This preview shows how white text looks on a background with the Android color 4291442454.

# 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



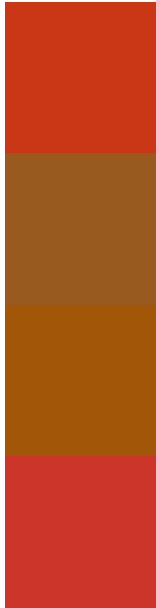
**Original Color**  
4291442454

**Protanopia**  
4286279203

**Deuteranopia**  
4287326208



# Trichromacy



**Original Color**  
4291442454

**Protanomaly**  
4288174622

**Deuteranomaly**  
4288828936

**Tritanomaly**  
4291507498

# Monochromacy



**Original Color**  
4291442454

**Achromatopsia**  
4284440415

**Achromatomaly**  
4286992452

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291442454 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(202, 55, 22)` looks like.

```
.text, #text, p{  
    color:rgb(202, 55, 22)  
}
```

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(202, 55, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 55, 22) }
```

## Border

The CSS property to change the border of an element to Android 4291442454 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(202, 55, 22) }
```

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

```
.border{ border-color:rgb(202, 55, 22) }
```

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

Here you see how a box with a 4 pixel rgb(202, 55, 22) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 55, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 55, 22);  
box-shadow:4px 4px 4px 4px rgb(202, 55,  
22) }
```

# Background

The CSS property to change the background color of an element to Android 4291442454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 55, 22) }
```

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

```
.background{ background-color: rgb(202, 55,  
22) }
```

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