

# Converting Colors

Android(4291646246)

Have a look what the booklet for  
Android(4291646246) contains.

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# Color

**Android(4291646246)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CD5326
RGB	205, 83, 38
RGB Percent	80%, 33%, 15%
CMY	0.1961, 0.6745, 0.8510
CMYK	0.00, 0.60, 0.81, 0.20
HSL	16°, 69%, 48%
HSV	16°, 81%, 80%
XYZ	28.6199, 19.3056, 4.0516
YIQ	114.3480, 87.1570, 11.8690

# Conversions

## Conversions Part 2

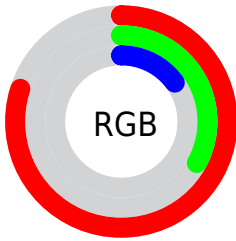
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	205, 100, 38
Decimal	13456166
CIE <sub>Lab</sub>	51.04, 46.15, 48.82
CIE <sub>LCh</sub>	51, 67.182, 46.609
Yxy	19.3056, 0.5506, 0.3714
Android (android.graphics.Color)	4291646246 (0xFFCD5326)
YUV	114.3480, -37.6396, 79.5018
Hunter-Lab	43.9381, 39.3777, 25.2894

# Details

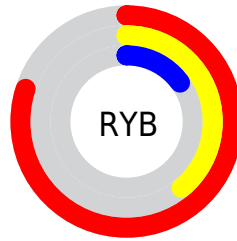
The Android color **4291646246** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted red. A complement of this color would be **4280721613**, and the grayscale version is **4285756275**.

A 20% lighter version of the original color is **4294936663**, and **4287568896** is the 20% darker color. If you saturate the color by 10%, you get **4291642386**, and if you desaturate by 10%, it is **4291650107**.

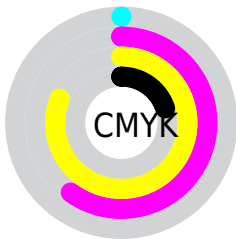
# Distribution



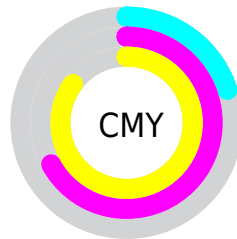
- Red (80%)
- Green (33%)
- Blue (15%)



- Red (80%)
- Yellow (39%)
- Blue (15%)



- Cyan (0%)
- Magenta (60%)
- Yellow (81%)
- Black (20%)




- Cyan (20%)
- Magenta (67%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291646246 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 4291646246 by changing the saturation by 10% instead.



 4291646246

 4291646246

4294967295

 4289607948

 4294936663

 4287568896

 4294943856

 4285595648

 4294951050

 4283629568

 4294958245

 4281925634

 4294965697

 4279369728

 4294967261

 4278190080

 4294967289

 4291646246

 4291646246

■ 4291642386

■ 4291650107

■ 4291639040

■ 4291653967

■ 4291657828

■ 4291661688

■ 4291665549

■ 4291669409

■ 4291673270

■ 4291677130

■ 4291680991

# Harmonies

## Analogous

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



4292754012



4291646246



4289228288

# Triad

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



4291646246



4278227549



4281300457

# Complementary

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



4291646246



4280721613

# 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.



4278225130



4291646246



4278227865

# Square

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



4291646246



4280912928



4278227404



4288895689

# Rectangle

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



4291646246



4287068928



4278227404



4278222317



# Sweetspot

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



4291646246



4294955714



4291634848



4286604379



4278190080



4286611584



# Same Dimension

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



4291646246



4294920197



4291667494



4284899164



4289080576



4280683008



# Inverse Universe

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



4280721613



4278566143



4280700365



4284244838



4278221222

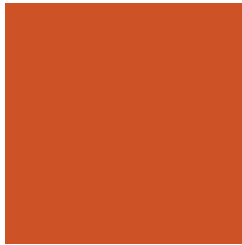


4278197286



# Previews

## White Background



This preview shows how the Android color 4291646246 looks on a white background.

## Color Contrast Check

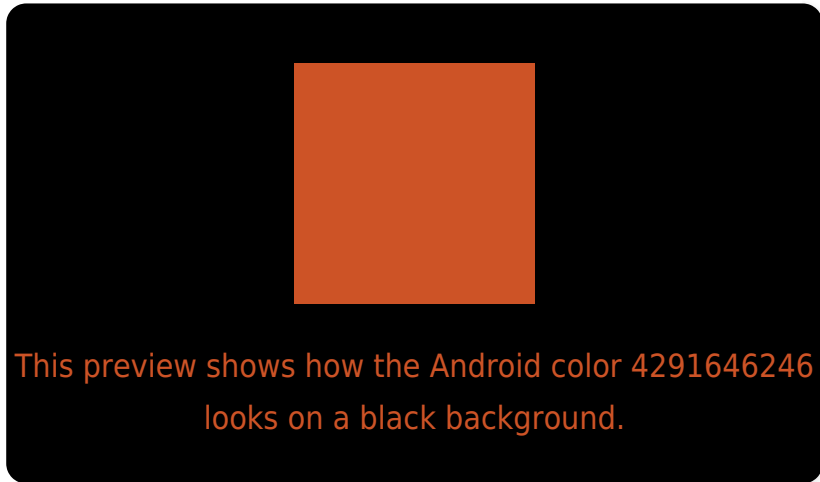
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# 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 4291646246 Background



This preview shows how black text looks on a background with the Android color 4291646246.



This preview shows how white text looks on a background with the Android color 4291646246.

# 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**

4291646246

**Protanopia**

4287134257

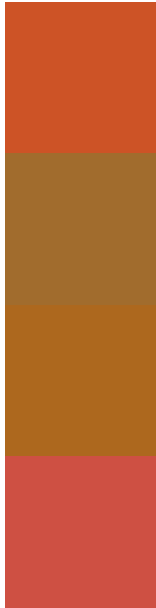
**Deuteranopia**

4288312346



**Tritanopia**  
4291776083

# Trichromacy



**Original Color**  
4291646246

**Protanomaly**  
4288769069

**Deuteranomaly**  
4289554462

**Tritanomaly**  
4291711043

# Monochromacy



**Original Color**  
4291646246

**Achromatopsia**  
4285690482

**Achromatomaly**  
4287850326

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291646246 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(205, 83, 38)` looks like.

```
.text, #text, p{  
    color:rgb(205, 83, 38)  
}
```

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(205, 83, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 83, 38) }
```

## Border

The CSS property to change the border of an element to Android 4291646246 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(205, 83, 38) }
```

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

```
.border{ border-color:rgb(205, 83, 38) }
```

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

Here you see how a box with a 4 pixel rgb(205, 83, 38) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 83, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 83, 38);  
box-shadow:4px 4px 4px 4px rgb(205, 83,  
38) }
```

# Background

The CSS property to change the background color of an element to Android 4291646246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 83, 38) }
```

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

```
.background{ background-color: rgb(205, 83,  
38) }
```

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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