

# Converting Colors

Android(4291318787)

Have a look what the booklet for  
Android(4291318787) contains.

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# Color

**Android(4291318787)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C85403
RGB	200, 84, 3
RGB Percent	78%, 33%, 1%
CMY	0.2157, 0.6706, 0.9882
CMYK	0.00, 0.58, 0.99, 0.22
HSL	25°, 97%, 40%
HSV	25°, 99%, 78%
XYZ	27.0062, 18.6266, 2.2581
YIQ	109.4500, 95.1370, -0.5990

# Conversions

## Conversions Part 2

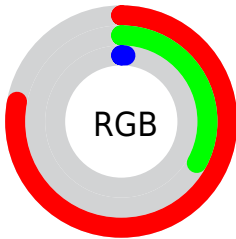
<b>Format</b>	<b>Color</b>
<b>RYB</b>	200, 141, 3
Decimal	13128707
CIELab	50.25, 43.16, 59.27
CIELCh	50, 73.320, 53.939
Yxy	18.6266, 0.5639, 0.3889
Android (android.graphics.Color)	4291318787 (0xFFC85403)
YUV	109.4500, -52.4798, 79.4124
Hunter-Lab	43.1585, 36.1678, 27.1089

# Details

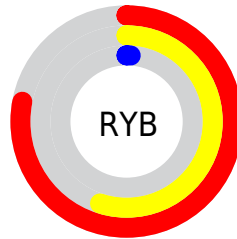
The Android color **4291318787** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed red. A complement of this color would be **4278417352**, and the grayscale version is **4285427310**.

A 20% lighter version of the original color is **4294936895**, and **4287241984** is the 20% darker color. If you saturate the color by 10%, you get **4291318272**, and if you desaturate by 10%, it is **4291321879**.

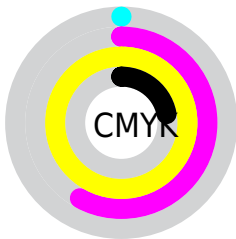
# Distribution



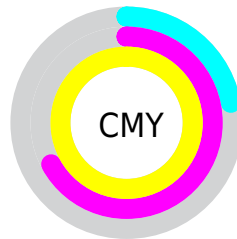
- Red (78%)
- Green (33%)
- Blue (1%)



- Red (78%)
- Yellow (55%)
- Blue (1%)



- Cyan (0%)
- Magenta (58%)
- Yellow (99%)
- Black (22%)



- Cyan (22%)
- Magenta (67%)
- Yellow (99%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291318787 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 4291318787 by changing the saturation by 10% instead.





4291318787



4291318787

4294967294



4289280512



4294936895



4287241984



4294943833



4285202432



4294951027



4283301888



4294958221



4281663490



4294965673



4278386688



4294967236



4278190080



4294967265



4291318787



4291318787

■ 4291318272

■ 4291321879

■ 4291324971

■ 4291327807

■ 4291330899

■ 4291333991

■ 4291337083

■ 4291339919

■ 4291343011

■ 4291346103

# Harmonies

## Analogous

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



4292948041



4291318787



4288442624

# Triad

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



4291318787



4278227560



4283526635

# Complementary

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



4291318787



4278417352

# 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.



4278223861



4291318787



4278227625

# Square

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



4291318787



4278226213



4278226908



4290071234

# Rectangle

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



4291318787



4285955584



4278226908



4278220530



# Sweetspot

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



4291318787



4294955699



4291298169



4286604370



4278190080



4286611584



# Same Dimension

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



4291318787



4294928640



4291343363



4284702298



4288889600



4280553216



# Inverse Universe

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



4278417352



4278228735



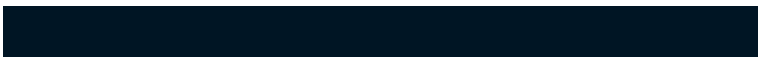
4278392776



4284112739



4278214819



4278195492



# Previews

## White Background



This preview shows how the Android color 4291318787 looks on a white background.

## Color Contrast Check

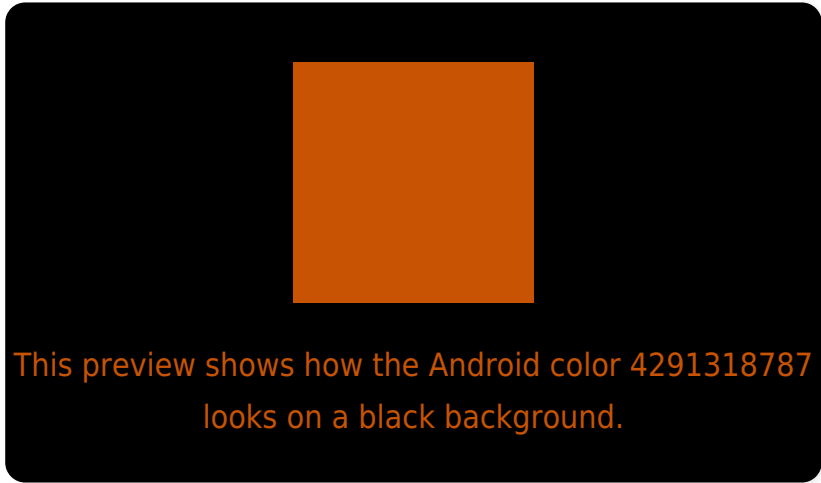
Large Text (above 18pt) WCAG AA ✓ Pass

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 4291318787 Background



This preview shows how black text looks on a background with the Android color 4291318787.



This preview shows how white text looks on a background with the Android color 4291318787.

# 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**  
4291318787

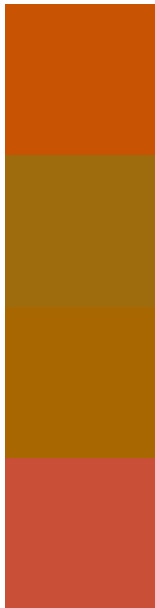
**Protanopia**  
4287068435

**Deuteranopia**  
4288180736



**Tritanopia**  
4291448403

# Trichromacy



**Original Color**  
4291318787

**Protanomaly**  
4288637965

**Deuteranomaly**  
4289292033

**Tritanomaly**  
4291383350

# Monochromacy



**Original Color**  
4291318787

**Achromatopsia**  
4285361517

**Achromatomaly**  
4287521862

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291318787 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(200, 84, 3)` looks like.

```
.text, #text, p{  
    color:rgb(200, 84, 3)  
}
```

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(200, 84, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 84, 3) }
```

## Border

The CSS property to change the border of an element to Android 4291318787 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(200, 84, 3) }
```

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

```
.border{ border-color:rgb(200, 84, 3) }
```

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

Here you see how a box with a 4 pixel rgb(200, 84, 3) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 84, 3); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 84, 3);  
box-shadow:4px 4px 4px 4px rgb(200, 84, 3)  
}
```

# Background

The CSS property to change the background color of an element to Android 4291318787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 84, 3) }
```

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

```
.background{ background-color: rgb(200, 84,  
3) }
```

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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