

# Converting Colors

Android(4291386627)

Have a look what the booklet for  
Android(4291386627) contains.

<b>Android(4291386627)</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(4291386627)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C95D03
RGB	201, 93, 3
RGB Percent	79%, 36%, 1%
CMY	0.2118, 0.6353, 0.9882
CMYK	0.00, 0.54, 0.99, 0.21
HSL	27°, 97%, 40%
HSV	27°, 99%, 79%
XYZ	28.0182, 20.2528, 2.5186
YIQ	115.0320, 93.2580, -5.0940

# Conversions

## Conversions Part 2

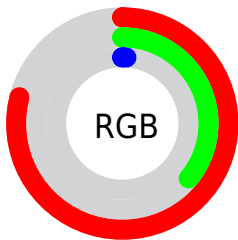
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	201, 168, 3
Decimal	13196547
CIELab	52.12, 39.14, 60.47
CIElCh	52, 72.026, 57.087
Yxy	20.2528, 0.5517, 0.3988
Android (android.graphics.Color)	4291386627 (0xFFC95D03)
YUV	115.0320, -55.2318, 75.3939
Hunter-Lab	45.0031, 32.3757, 28.1840

# Details

The Android color **4291386627** 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 **4278415305**, and the grayscale version is **4285756275**.

A 20% lighter version of the original color is **4294938944**, and **4287310336** is the 20% darker color. If you saturate the color by 10%, you get **4291386112**, and if you desaturate by 10%, it is **4291389463**.

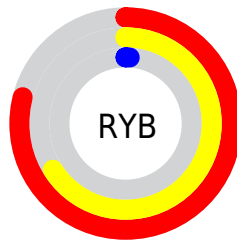
# Distribution



Red (79%)

Green (36%)

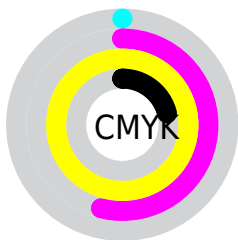
Blue (1%)



Red (79%)

Yellow (66%)

Blue (1%)

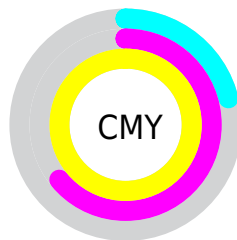


Cyan (0%)

Magenta (54%)

Yellow (99%)

Black (21%)



Cyan (21%)

Magenta (64%)

Yellow (99%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291386627 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 4291386627 by changing the saturation by 10% instead.





4291386627



4291386627

4294967295



4289348608



4294938944



4287310336



4294946138



4285337088



4294953077



4283432960



4294960528



4281663489



4294967211



4279042048



4294967239



4278190080



4294967268



4291386627



4291386627

■ 4291386112

■ 4291389463

■ 4291392299

■ 4291395135

■ 4291397971

■ 4291400808

■ 4291403644

■ 4291406480

■ 4291409316

■ 4291412152

# Harmonies

## Analogous

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



4293147976



4291386627



4288378880

# Triad

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



4291386627



4278228852



4285034475

# Complementary

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



4291386627



4278415305

# 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.



4278224633



4291386627



4278228915

# Square

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



4291386627



4278227507



4278227940



4290727360

# Rectangle

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



4291386627



4285891584



4278227940



4280645876



# Sweetspot

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



4291386627



4294956467



4291363696



4286604882



4278190080



4286611584



# Same Dimension

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



4291386627



4294931456



4291411715



4284702298



4288891392



4280553472

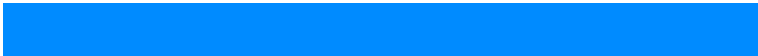


# Inverse Universe

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



4278415305



4278225919



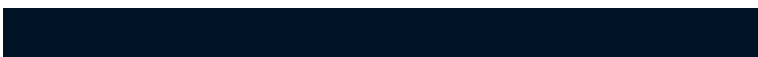
4278390217



4284112739



4278213027



4278194980



# Previews

## White Background



This preview shows how the Android color 4291386627 looks on a white background.

## Color Contrast Check

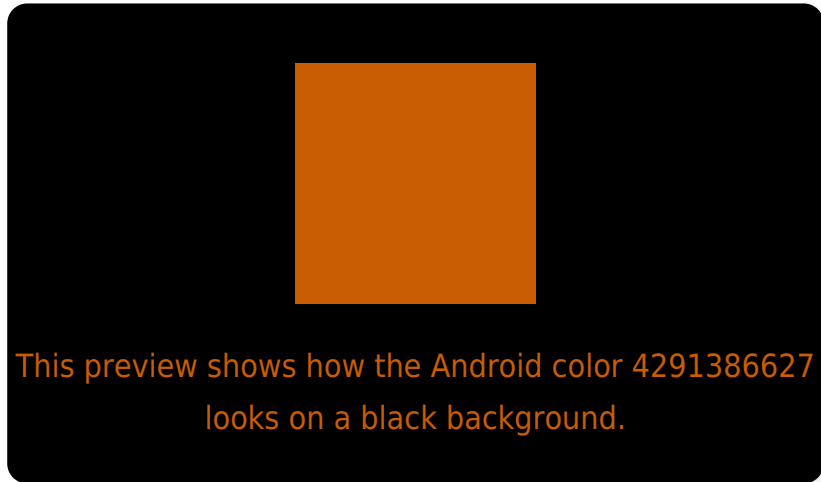
Large Text (above 18pt) WCAG AA ✓ Pass

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 4291386627 Background



This preview shows how black text looks on a background with the Android color 4291386627.



This preview shows how white text looks on a background with the Android color 4291386627.

# 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



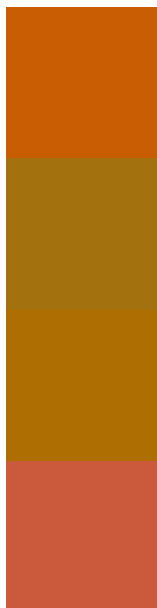
**Original Color**  
4291386627

**Protanopia**  
4287462675

**Deuteranopia**  
4288575232



# Trichromacy



**Original Color**

4291386627

**Protanomaly**

4288901389

**Deuteranomaly**

4289621505

**Tritanomaly**

4291516732

# Monochromacy



**Original Color**

4291386627

**Achromatopsia**

4285756275

**Achromatomaly**

4287785802

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291386627 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(201, 93, 3)` looks like.

```
.text, #text, p{  
    color:rgb(201, 93, 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(201, 93, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 93, 3) }
```

## Border

The CSS property to change the border of an element to Android 4291386627 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(201, 93, 3) }
```

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

```
.border{ border-color:rgb(201, 93, 3) }
```

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

Here you see how a box with a 4 pixel rgb(201, 93, 3) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 93, 3); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 93, 3);  
box-shadow:4px 4px 4px 4px rgb(201, 93, 3)  
}
```

# Background

The CSS property to change the background color of an element to Android 4291386627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 93, 3) }
```

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

```
.background{ background-color: rgb(201, 93,  
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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