

# Converting Colors

Android(4293096755)

Have a look what the booklet for  
Android(4293096755) contains.

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# Color

**Android(4293096755)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E37533
RGB	227, 117, 51
RGB Percent	89%, 46%, 20%
CMY	0.1098, 0.5412, 0.8000
CMYK	0.00, 0.48, 0.78, 0.11
HSL	22°, 76%, 55%
HSV	22°, 78%, 89%
XYZ	38.6374, 29.2925, 6.7496
YIQ	142.3660, 86.7460, 2.7940

# Conversions

## Conversions Part 2

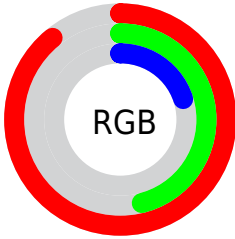
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	227, 157, 51
Decimal	14906675
CIE Lab	61.04, 38.33, 53.67
CIE LCh	61, 65.952, 54.470
Yxy	29.2925, 0.5174, 0.3922
Android (android.graphics.Color)	4293096755 (0xFFE37533)
YUV	142.3660, -45.0434, 74.2240
Hunter-Lab	54.1225, 32.7144, 30.4918

# Details

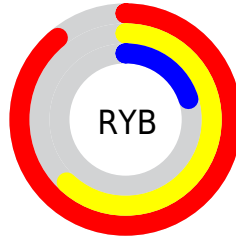
The Android color **4293096755** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle washed orange. A complement of this color would be **4281573859**, and the grayscale version is **4287598479**.

A 20% lighter version of the original color is **4294945638**, and **4289020416** is the 20% darker color. If you saturate the color by 10%, you get **4293093148**, and if you desaturate by 10%, it is **4293100362**.

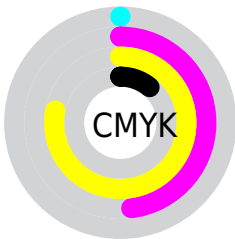
# Distribution



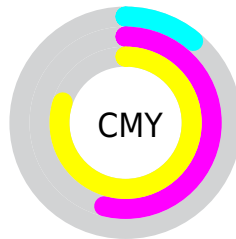
- Red (89%)
- Green (46%)
- Blue (20%)



- Red (89%)
- Yellow (62%)
- Blue (20%)



- Cyan (0%)
- Magenta (48%)
- Yellow (78%)
- Black (11%)



- Cyan (11%)
- Magenta (54%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4293096755 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 4293096755 by changing the saturation by 10% instead.



 4293096755

 4293096755

4294967295

 4291058457

 4294945638

 4289020416

 4294952576

 4287047936

 4294960027

 4285074688

 4294967222

 4283170816

 4294967250

 4281532417

 4294967279

 4278190080

 4293096755

 4293096755

 4293093148

 4293100362

 4293089542

 4293103968

 4293088512

 4293107831

 4293111438

 4293115044

 4293118651

 4293122258

 4293126121

 4293129727

# Harmonies

## Analogous

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



4294598247



4293096755



4290350337

# Triad

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



4293096755



4278234758



4286417150

# Complementary

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



4293096755



4281573859

# 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.



4278230527



4293096755



4278234818

# Square

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



4293096755



4281051467



4278233842



4291784408

# Rectangle

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



4293096755



4287994114



4278233842



4283339007



# Sweetspot

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



4293096755



4294957764



4293079970



4286605660



4278190080



4286611584



# Same Dimension

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



4293096755



4294929170



4293119027



4285754471



4289938176



4281537280



# Inverse Universe

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



4281573859



4279412479



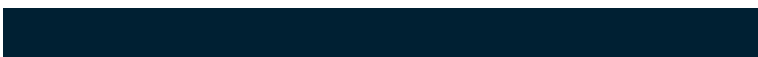
4281551587



4284968563



4278218931



4278198323



# Previews

## White Background



This preview shows how the Android color 4293096755 looks on a white background.

## Color Contrast Check

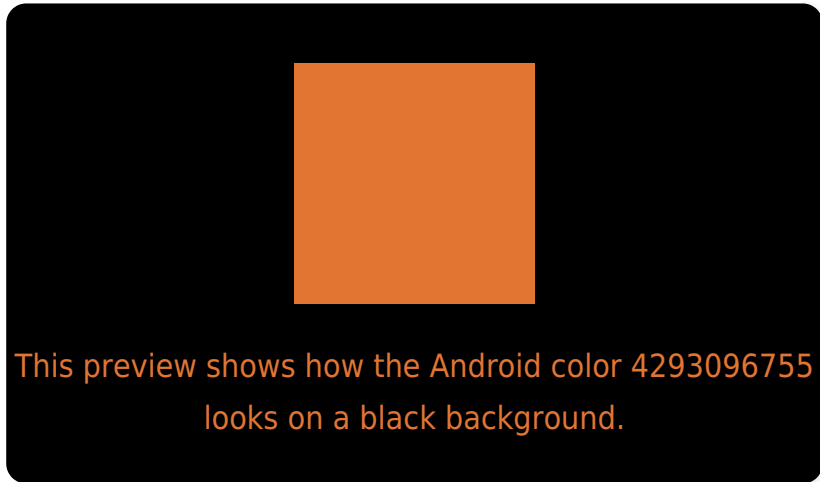
Large Text (above 18pt) WCAG AA ✓ Pass

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 4293096755 Background



This preview shows how black text looks on a background with the Android color 4293096755.



This preview shows how white text looks on a background with the Android color 4293096755.

# 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**  
4293096755

**Protanopia**  
4289041468

**Deuteranopia**  
4290350124



**Tritanopia**  
4293291638

# Trichromacy



**Original Color**  
4293096755

**Protanomaly**  
4290545977

**Deuteranomaly**  
4291331119

**Tritanomaly**  
4293226846

# Monochromacy



**Original Color**  
4293096755

**Achromatopsia**  
4287532686

**Achromatomaly**  
4289561965

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4293096755 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(227, 117, 51)` looks like.

```
.text, #text, p{  
    color:rgb(227, 117, 51)  
}
```

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(227, 117, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 117, 51) }
```

## Border

The CSS property to change the border of an element to Android 4293096755 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(227, 117, 51) }
```

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

```
.border{ border-color:rgb(227, 117, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 117, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 117, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 117, 51);  
box-shadow:4px 4px 4px 4px rgb(227, 117,  
51) }
```

# Background

The CSS property to change the background color of an element to Android 4293096755 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 117, 51) }
```

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

```
.background{ background-color: rgb(227,  
117, 51) }
```

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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