

# Converting Colors

Android(4294276881)

Have a look what the booklet for  
Android(4294276881) contains.

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# **Color**

**Android(4294276881)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F57711
RGB	245, 119, 17
RGB Percent	96%, 47%, 7%
CMY	0.0392, 0.5333, 0.9333
CMYK	0.00, 0.51, 0.93, 0.04
HSL	27°, 92%, 51%
HSV	27°, 93%, 96%
XYZ	44.3542, 32.6466, 4.4940
YIQ	145.0460, 107.8380, -5.0100

# Conversions

## Conversions Part 2

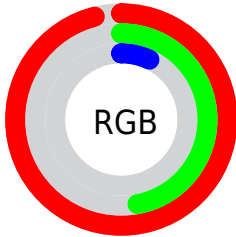
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	245, 202, 17
Decimal	16086801
CIE <sub>Lab</sub>	63.87, 43.54, 68.60
CIE <sub>LCh</sub>	64, 81.248, 57.595
Yxy	32.6466, 0.5443, 0.4006
Android (android.graphics.Color)	4294276881 (0xFFFF57711)
YUV	145.0460, -63.1267, 87.6597
Hunter-Lab	57.1372, 38.5750, 35.3327

# Details

The Android color **4294276881** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark washed orange. A complement of this color would be **4279341045**, and the grayscale version is **4287795858**.

A 20% lighter version of the original color is **4294946125**, and **4290069248** is the 20% darker color. If you saturate the color by 10%, you get **4294274560**, and if you desaturate by 10%, it is **4294280490**.

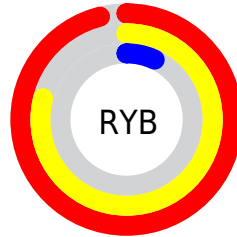
# Distribution



Red (96%)

Green (47%)

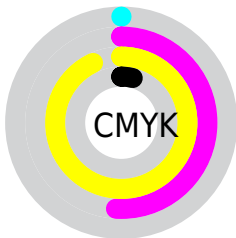
Blue (7%)



Red (96%)

Yellow (79%)

Blue (7%)

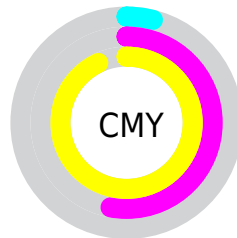


Cyan (0%)

Magenta (51%)

Yellow (93%)

Black (4%)



Cyan (4%)

Magenta (53%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4294276881 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 4294276881 by changing the saturation by 10% instead.





4294276881



4294276881

4294967295



4292173056



4294946125



4290069248



4294953320



4288030976



4294960771



4285990912



4294967199



4284022784



4294967227



4282187776



4294967255



4280221697



4294967285



4278190080



4294276881



4294276881

4294274560

4294280490

4294283842

4294287451

4294290803

4294294411

4294297764

4294301373

4294304725

4294308334

# Harmonies

## Analogous

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



4294923100



4294276881



4290745856

# Triad

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



4294276881



4278237843



4287138559

# Complementary

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



4294276881



4279341045

# 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.



4278232831



4294276881



4278238172

# Square

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



4294276881



4278236487



4278236671



4293616874

# Rectangle

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



4294276881



4287800320



4278236671



4282750463



# Sweetspot

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



4294276881



4294957240



4294250898



4286605396



4278190080



4286611584



# Same Dimension

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



4294276881



4294930944



4294305297



4286215278



4290401024



4282063360

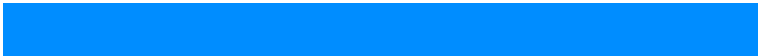


# Inverse Universe

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



4279341045



4278226431



4279312629



4285429114



4278216634



4278198331



# Previews

## White Background



This preview shows how the Android color 4294276881 looks on a white background.

## Color Contrast Check

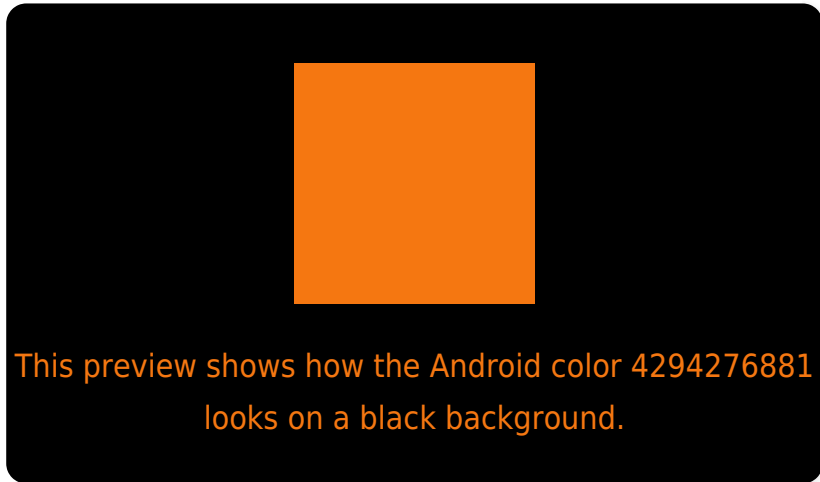
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4294276881 Background



This preview shows how black text looks on a background with the Android color 4294276881.



This preview shows how white text looks on a background with the Android color 4294276881.

# 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**  
4294276881

**Protanopia**  
4289698844

**Deuteranopia**  
4291072768



# Trichromacy



**Original Color**  
4294276881

**Protanomaly**  
4291333912

**Deuteranomaly**  
4292249862

**Tritanomaly**  
4294406737

# Monochromacy



**Original Color**  
4294276881

**Achromatopsia**  
4287730065

**Achromatomaly**  
4290087010

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4294276881 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(245, 119, 17)` looks like.

```
.text, #text, p{  
    color:rgb(245, 119, 17)  
}
```

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(245, 119, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 119, 17) }
```

## Border

The CSS property to change the border of an element to Android 4294276881 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(245, 119, 17) }
```

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

```
.border{ border-color:rgb(245, 119, 17) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 119, 17)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 119, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 119, 17);  
box-shadow:4px 4px 4px 4px rgb(245, 119,  
17) }
```

# Background

The CSS property to change the background color of an element to Android 4294276881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 119, 17) }
```

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

```
.background{ background-color: rgb(245,  
119, 17) }
```

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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