

# Converting Colors

Android(4294005033)

Have a look what the booklet for  
Android(4294005033) contains.

<b>Android(4294005033)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Android(4294005033)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F15129
RGB	241, 81, 41
RGB Percent	95%, 32%, 16%
CMY	0.0549, 0.6824, 0.8392
CMYK	0.00, 0.66, 0.83, 0.05
HSL	12°, 88%, 55%
HSV	12°, 83%, 95%
XYZ	39.6183, 24.7457, 4.7861
YIQ	124.2800, 108.2000, 21.4800

# Conversions

## Conversions Part 2

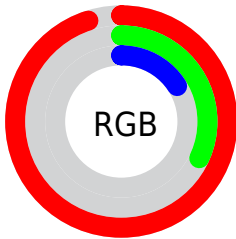
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	241, 91, 41
Decimal	15814953
CIE <sub>Lab</sub>	56.83, 59.59, 54.98
CIE <sub>LCh</sub>	57, 81.079, 42.696
Yxy	24.7457, 0.5729, 0.3579
Android (android.graphics.Color)	4294005033 (0xFFFF15129)
YUV	124.2800, -41.0570, 102.3634
Hunter-Lab	49.7451, 55.1082, 29.1171

# Details

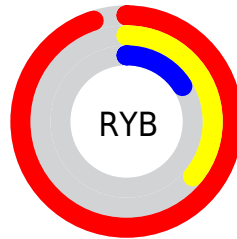
The Android color **4294005033** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **4280928753**, and the grayscale version is **4286414205**.

A 20% lighter version of the original color is **4294936923**, and **4289726720** is the 20% darker color. If you saturate the color by 10%, you get **4294000145**, and if you desaturate by 10%, it is **4294009921**.

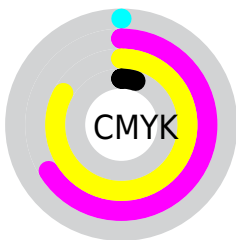
# Distribution



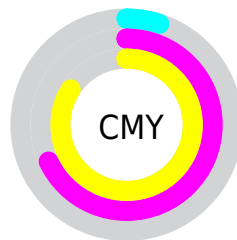
- Red (95%)
- Green (32%)
- Blue (16%)



- Red (95%)
- Yellow (36%)
- Blue (16%)



- Cyan (0%)
- Magenta (66%)
- Yellow (83%)
- Black (5%)



- Cyan (5%)
- Magenta (68%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4294005033 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 4294005033 by changing the saturation by 10% instead.





4294005033



4294005033

4294967295



4291900175



4294936923



4289726720



4294944372



4287692800



4294951822



4285595648



4294959273



4283629568



4294966725



4281729026



4294967265



4278648832

4294967294



4278190080



4294005033



4294005033

 4294000145

 4294009921

 4293996544

 4294015065

 4294019953

 4294024841

 4294029729

 4294034874

 4294039762

 4294044650

 4294049791

# Harmonies

## Analogous

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



4294912878



4294005033



4291196416

# Triad

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



4294005033



4278232155



4278224895

# Complementary

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



4294005033



4280928753

# 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.



4278230271



4294005033



4278232998

# Square

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



4294005033



4281310464



4278232552



4289619442

# Rectangle

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



4294005033



4288645120



4278232552



4278227199



# Sweetspot

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



4294005033



4294954175



4293994953



4286603609



4278190080



4286611584



# Same Dimension

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



4294005033



4294914816



4294030633



4286082668



4290258176



4281862912

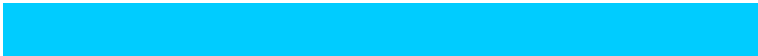


# Inverse Universe

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



4280928753



4278242559



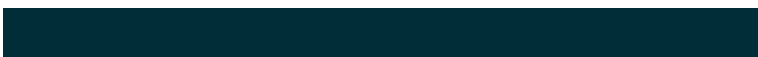
4280903153



4285298040



4278227896



4278201656



# Previews

## White Background



This preview shows how the Android color 4294005033 looks on a white background.

## Color Contrast Check

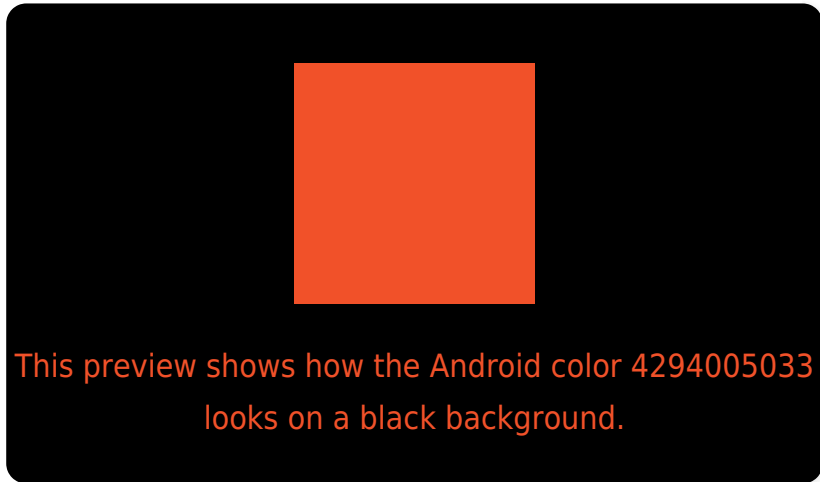
Large Text (above 18pt) WCAG AA ✓ Pass

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 4294005033 Background



This preview shows how black text looks on a background with the Android color 4294005033.



This preview shows how white text looks on a background with the Android color 4294005033.

# 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**

4294005033

**Protanopia**

4288186680

**Deuteranopia**

4289561111



# Trichromacy



**Original Color**  
4294005033

**Protanomaly**  
4290278707

**Deuteranomaly**  
4291194910

**Tritanomaly**  
4294069826

# Monochromacy



**Original Color**  
4294005033

**Achromatopsia**  
4286348412

**Achromatomaly**  
4289162334

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4294005033 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(241, 81, 41)` looks like.

```
.text, #text, p{  
    color:rgb(241, 81, 41)  
}
```

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(241, 81, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 81, 41) }
```

## Border

The CSS property to change the border of an element to Android 4294005033 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(241, 81, 41) }
```

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

```
.border{ border-color:rgb(241, 81, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 81, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 81, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 81, 41);  
box-shadow:4px 4px 4px 4px rgb(241, 81,  
41) }
```

# Background

The CSS property to change the background color of an element to Android 4294005033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 81, 41) }
```

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

```
.background{ background-color: rgb(241, 81,  
41) }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

**@ConvertingColor**