

# Converting Colors

Android(4293736704)

Have a look what the booklet for  
Android(4293736704) contains.

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**Color**

**Android(4293736704)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ED3900
RGB	237, 57, 0
RGB Percent	93%, 22%, 0%
CMY	0.0706, 0.7765, 1.0000
CMYK	0.00, 0.76, 1.00, 0.07
HSL	14°, 100%, 46%
HSV	14°, 100%, 93%
XYZ	36.3882, 20.9308, 2.1222
YIQ	104.3220, 125.5770, 20.4330

# Conversions

## Conversions Part 2

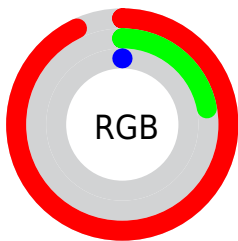
Format	Color
<a href="#">RYB</a>	<a href="#">237, 75, 0</a>
Decimal	<a href="#">15546624</a>
CIELab	<a href="#">52.87, 66.19, 64.92</a>
CIElCh	<a href="#">53, 92.716, 44.447</a>
Yxy	<a href="#">20.9308, 0.6122, 0.3521</a>
Android (android.graphics.Color)	<a href="#">4293736704</a> (0xFFED3900)
YUV	<a href="#">104.3220, -51.4307, 116.3586</a>
Hunter-Lab	<a href="#">45.7502, 61.9102, 29.2749</a>

# Details

The Android color **4293736704** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark washed red. A complement of this color would be **4278236397**, and the grayscale version is **4285098345**.

A 20% lighter version of the original color is **4294931772**, and **4289396736** is the 20% darker color. If you saturate the color by 10%, you get **4293736704**, and if you desaturate by 10%, it is **4293741336**.

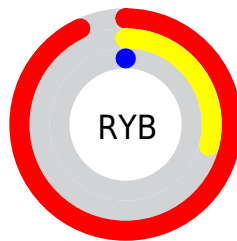
# Distribution



Red (93%)

Green (22%)

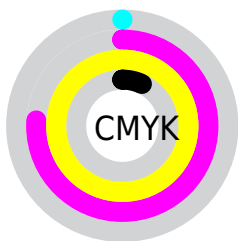
Blue (0%)



Red (93%)

Yellow (29%)

Blue (0%)

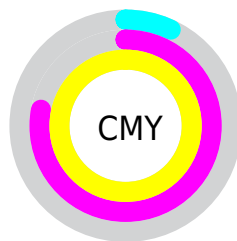


Cyan (0%)

Magenta (76%)

Yellow (100%)

Black (7%)



Cyan (7%)

Magenta (78%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4293736704 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 4293736704 by changing the saturation by 10% instead.



 4293736704	 4293736704
 4294967291	 4291562752
 4294931772	 4289396736
 4294939222	 4287299584
 4294946672	 4285202432
 4294954379	 4283236354
 4294961830	 4281270274
 4294967234	 4278190080
 4294967262	
 4293736704	

 4293741336

 4293745967

 4293750599

 4293755231

 4293759862

 4293764494

 4293769126

 4293773758

 4293778389

# Harmonies

## Analogous

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



4294901852



4293736704



4290472704

# Triad

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



4293736704



4278230096



4278222079

# Complementary

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



4293736704



4278236397

# 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.



4278228223



4293736704



4278230692

# Square

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



4293736704



4278228224



4278230510



4289548530

# Rectangle

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



4293736704



4287659776



4278230510



4278224639



# Sweetspot

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



4293736704



4294952371



4293722294



4286602578



4278190080



4286611584



# Same Dimension

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



4293736704



4294917376



4293766656



4285885546



4290063360



4281732352

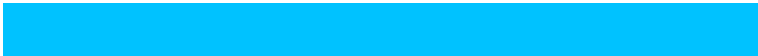


# Inverse Universe

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



4278236397



4278239999



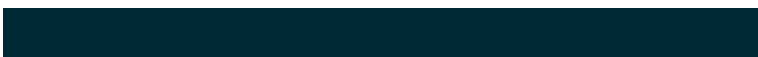
4278206445



4285166197



4278225589



4278200630



# Previews

## White Background



This preview shows how the Android color 4293736704 looks on a white background.

## Color Contrast Check

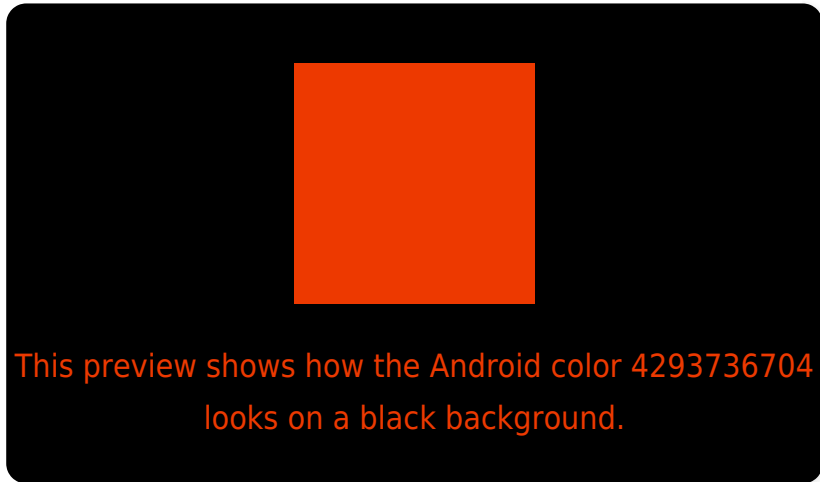
Large Text (above 18pt) WCAG AA ✓ Pass

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 4293736704 Background



This preview shows how black text looks on a background with the Android color 4293736704.



This preview shows how white text looks on a background with the Android color 4293736704.

# 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



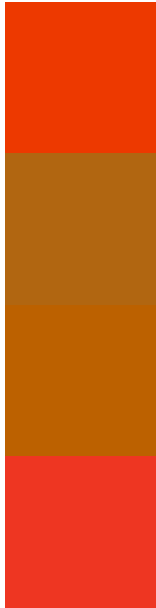
**Original Color**  
4293736704

**Protanopia**  
4287594267

**Deuteranopia**  
4288706560



# Trichromacy



**Original Color**  
4293736704

**Protanomaly**  
4289816081

**Deuteranomaly**  
4290535680

**Tritanomaly**  
4293801506

# Monochromacy



**Original Color**  
4293736704

**Achromatopsia**  
4285032552

**Achromatomaly**  
4288173890

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4293736704 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(237, 57, 0)` looks like.

```
.text, #text, p{  
    color:rgb(237, 57, 0)  
}
```

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(237, 57, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 57, 0) }
```

## Border

The CSS property to change the border of an element to Android 4293736704 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(237, 57, 0) }
```

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

```
.border{ border-color:rgb(237, 57, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 57, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 57, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 57, 0);  
box-shadow:4px 4px 4px 4px rgb(237, 57, 0)  
}
```

# Background

The CSS property to change the background color of an element to Android 4293736704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 57, 0) }
```

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

```
.background{ background-color: rgb(237, 57,  
0) }
```

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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