

Converting Colors

Android(4294913536)

Have a look what the booklet for
Android(4294913536) contains.

Android(4294913536)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

Android(4294913536)

Conversions

Conversions Part 1

Format	Color
Hex	FF2E00
RGB	255, 46, 0
RGB Percent	100%, 18%, 0%
CMY	0.0000, 0.8196, 1.0000
CMYK	0.00, 0.82, 1.00, 0.00
HSL	11°, 100%, 50%
HSV	11°, 100%, 100%
XYZ	42.2170, 23.2140, 2.2557
YIQ	103.2470, 139.3300, 30.0020

Conversions

Conversions Part 2

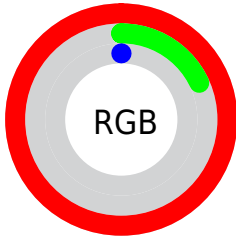
Format	Color
R_{YB}	255, 56, 0
Decimal	16723456
CIE _{Lab}	55.29, 74.20, 67.99
CIE _{LCh}	55, 100.638, 42.499
Yxy	23.2140, 0.6237, 0.3430
Android (android.graphics.Color)	4294913536 (0xFFFF2E00)
YUV	103.2470, -50.9008, 133.0874
Hunter-Lab	48.1809, 72.0884, 30.9509

Details

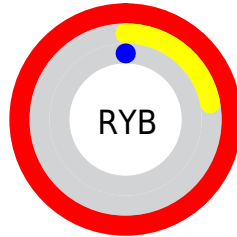
The Android color **4294913536** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark saturated red. A complement of this color would be **4278243839**, and the grayscale version is **4285032552**.

A 20% lighter version of the original color is **4294930749**, and **4290510848** is the 20% darker color. If you saturate the color by 10%, you get **4294913536**, and if you desaturate by 10%, it is **4294918937**.

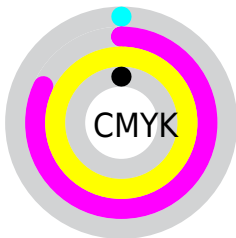
Distribution



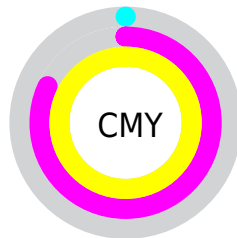
- Red (100%)
- Green (18%)
- Blue (0%)



- Red (100%)
- Yellow (22%)
- Blue (0%)



- Cyan (0%)
- Magenta (82%)
- Yellow (100%)
- Black (0%)



- Cyan (0%)
- Magenta (82%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Android color 4294913536 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 4294913536 by changing the saturation by 10% instead.

 4294913536

 4294913536

4294967293

 4292673536

 4294930749

 4290510848

 4294938455

 4288348160

 4294946161

 4286185472

 4294953612

 4284153858

 4294961319

 4282122243

 4294967235

 4279697408

 4294967264

 4278190080

 4294913536

 4294918937

 4294924339

 4294929741

 4294935142

 4294940544

 4294945689

 4294951091

 4294956492

 4294961894

Harmonies

Analogous

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



4294901861



4294913536



4291456256

Triad

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



4294913536



4278232139



4278224383

Complementary

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



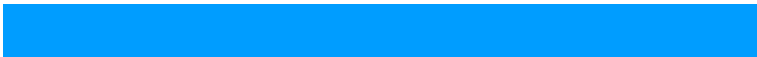
4294913536



4278243839

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



4294913536



4278233000

Square

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



4294913536



4278230272



4278232826



4289615103

Rectangle

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



4294913536



4288381952



4278232826



4278226943

Sweetspot

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



4294913536



4294951091



4294901972



4286601810



4278190080



4286611584

Same Dimension

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



4294913536



4294945280



4286608755



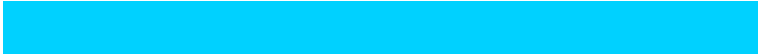
4290716416



4282387456

Inverse Universe

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



4278243839



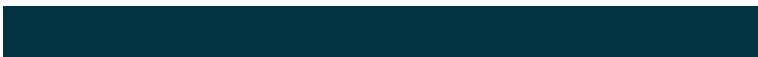
4278212095



4285758848



4278230463



4278203456

Previews

White Background



This preview shows how the Android color 4294913536 looks on a white background.

Color Contrast Check

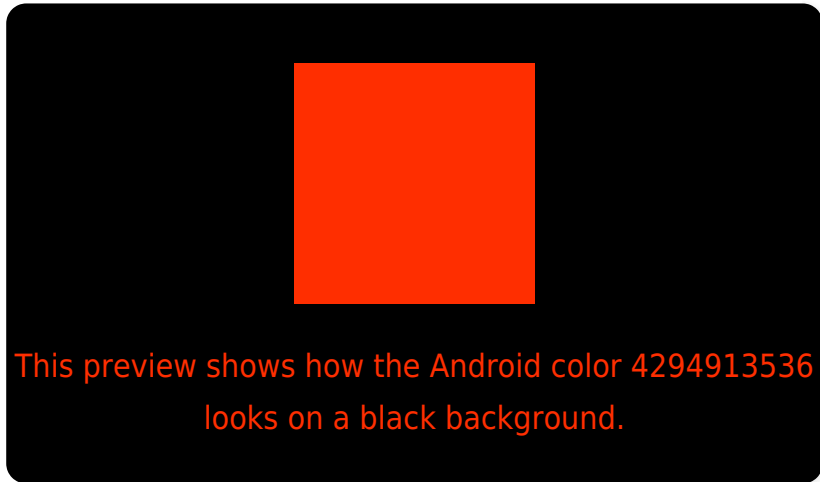
Large Text (above 18pt) WCAG AA ✓ Pass

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 4294913536 Background



This preview shows how black text looks on a background with the Android color 4294913536.



This preview shows how white text looks on a background with the Android color 4294913536.

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

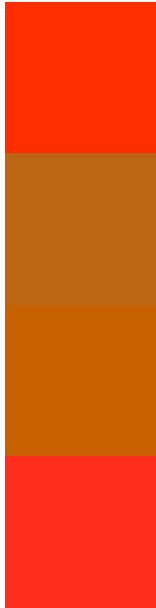


Original Color
4294913536

Protanopia
4287989023

Deuteranopia
4289166848

Trichromacy



Original Color
4294913536

Protanomaly
4290536724

Deuteranomaly
4291256576

Tritanomaly
4294913307

Monochromacy



Original Color
4294913536

Achromatopsia
4284966759

Achromatomaly
4288565826

CSS Examples

Text

The CSS property to change the color of the text to Android 4294913536 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(255, 46, 0)` looks like.

```
.text, #text, p{  
    color:rgb(255, 46, 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(255, 46, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 46, 0) }
```

Border

The CSS property to change the border of an element to Android 4294913536 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(255, 46, 0) }
```

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

```
.border{ border-color:rgb(255, 46, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 46, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 46, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 46, 0);  
box-shadow:4px 4px 4px 4px rgb(255, 46, 0)  
}
```

Background

The CSS property to change the background color of an element to Android 4294913536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 46, 0) }
```

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

```
.background{ background-color: rgb(255, 46,  
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](#).

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