

Converting Colors

Android(4294054714)

Have a look what the booklet for
Android(4294054714) contains.

Android(4294054714)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4294054714)

Conversions

Conversions Part 1

Format	Color
Hex	F2133A
RGB	242, 19, 58
RGB Percent	95%, 7%, 23%
CMY	0.0510, 0.9255, 0.7725
CMYK	0.00, 0.92, 0.76, 0.05
HSL	350°, 90%, 51%
HSV	350°, 92%, 95%
XYZ	37.6145, 19.6485, 5.8130
YIQ	90.1230, 120.3890, 59.4050

Conversions

Conversions Part 2

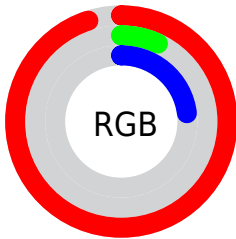
Format	Color
R_{YB}	242, 19, 58
Decimal	15864634
CIE _{Lab}	51.44, 76.41, 40.96
CIE _{LCh}	51, 86.701, 28.194
Yxy	19.6485, 0.5963, 0.3115
Android (android.graphics.Color)	4294054714 (0xFFFF2133A)
YUV	90.1230, -15.8366, 133.1961
Hunter-Lab	44.3266, 73.8995, 23.2533

Details

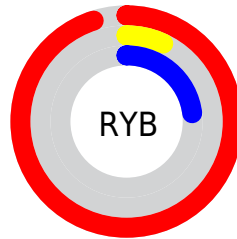
The Android color **4294054714** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark washed red. A complement of this color would be **4279497419**, and the grayscale version is **4284111450**.

A 20% lighter version of the original color is **4294927209**, and **4289724432** is the 20% darker color. If you saturate the color by 10%, you get **4294049834**, and if you desaturate by 10%, it is **4294060878**.

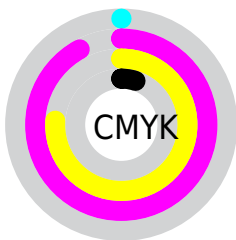
Distribution



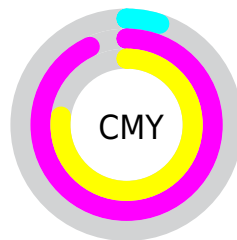
- Red (95%)
- Green (7%)
- Blue (23%)



- Red (95%)
- Yellow (7%)
- Blue (23%)



- Cyan (0%)
- Magenta (92%)
- Yellow (76%)
- Black (5%)



- Cyan (5%)
- Magenta (93%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Android color 4294054714 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 4294054714 by changing the saturation by 10% instead.



4294054714



4294054714

4294967295



4291887140



4294927209



4289724432



4294935171



4287627264



4294942877



4285530113



4294950584



4283564036



4294958292



4281466882



4294966000



4278190080



4294054714



4294054714



4294049834



4294060878

 4294067042

 4294073462

 4294079626

 4294085790

 4294091954

 4294098118

 4294104538

 4294110702

Harmonies

Analogous

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



4294180995



4294054714



4291843072

Triad

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



4294054714



4278228000



4278224639

Complementary

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



4294054714



4279497419

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.



4278228474



4294054714



4278229108

Square

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



4294054714



4283402752



4278229439



4284377599

Rectangle

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



4294054714



4289555712



4278229439



4278226431

Sweetspot

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



4294054714



4294949060



4291367922



4286600284



4278190080



4286611584

Same Dimension

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



4294054714



4294901805



4294072851



4286082158



4290248736



4281860106

Inverse Universe

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



4294054714



4294901805



4279479282



4286082158



4290248736



4281860106

Previews

White Background



This preview shows how the Android color 4294054714 looks on a white background.

Color Contrast Check

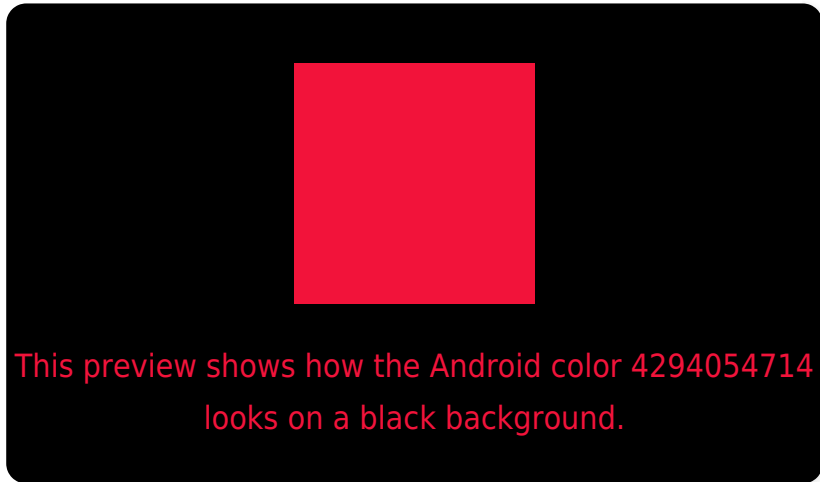
Large Text (above 18pt) WCAG AA ✓ Pass

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 4294054714 Background



This preview shows how black text looks on a background with the Android color 4294054714.



This preview shows how white text looks on a background with the Android color 4294054714.

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


4294054714

Protanopia

4286937943

Deuteranopia

4288312620



Tritanopia
4293991703

Trichromacy



Original Color
4294054714

Protanomaly
4289549644

Deuteranomaly
4290400561

Tritanomaly
4293990692

Monochromacy



Original Color
4294054714

Achromatopsia
4284111450

Achromatomaly
4287709262

CSS Examples

Text

The CSS property to change the color of the text to Android 4294054714 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(242, 19, 58)` looks like.

```
.text, #text, p{  
    color:rgb(242, 19, 58)  
}
```

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(242, 19, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 19, 58) }
```

Border

The CSS property to change the border of an element to Android 4294054714 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(242, 19, 58) }
```

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

```
.border{ border-color:rgb(242, 19, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 19, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 19, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 19, 58);  
box-shadow:4px 4px 4px 4px rgb(242, 19,  
58) }
```

Background

The CSS property to change the background color of an element to Android 4294054714 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 19, 58) }
```

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

```
.background{ background-color: rgb(242, 19,  
58) }
```

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