

Converting Colors

Android(4294068277)

Have a look what the booklet for
Android(4294068277) contains.

Android(4294068277)	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(4294068277)

Conversions

Conversions Part 1

Format	Color
Hex	F24835
RGB	242, 72, 53
RGB Percent	95%, 28%, 21%
CMY	0.0510, 0.7176, 0.7922
CMYK	0.00, 0.70, 0.78, 0.05
HSL	6°, 88%, 58%
HSV	6°, 78%, 95%
XYZ	39.5779, 23.7690, 5.8701
YIQ	120.6640, 107.4190, 30.1310

Conversions

Conversions Part 2

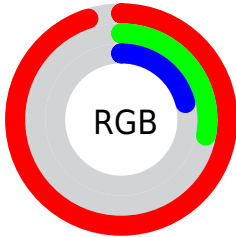
Format	Color
R_{YB}	242, 74, 53
Decimal	15878197
CIE _{Lab}	55.86, 63.65, 48.34
CIE _{LCh}	56, 79.922, 37.213
Yxy	23.7690, 0.5718, 0.3434
Android (android.graphics.Color)	4294068277 (0xFFFF24835)
YUV	120.6640, -33.3584, 106.4117
Hunter-Lab	48.7535, 59.5871, 26.9888

Details

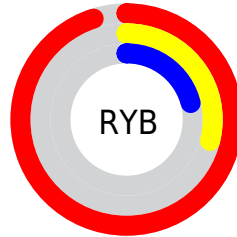
The Android color **4294068277** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **4281720818**, and the grayscale version is **4286151033**.

A 20% lighter version of the original color is **4294935141**, and **4289789958** is the 20% darker color. If you saturate the color by 10%, you get **4294062621**, and if you desaturate by 10%, it is **4294073933**.

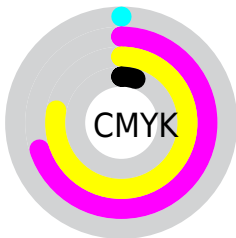
Distribution



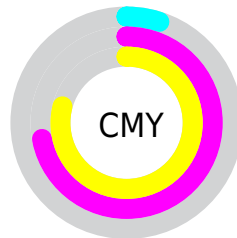
- Red (95%)
- Green (28%)
- Blue (21%)



- Red (95%)
- Yellow (29%)
- Blue (21%)



- Cyan (0%)
- Magenta (70%)
- Yellow (78%)
- Black (5%)



- Cyan (5%)
- Magenta (72%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Android color 4294068277 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 4294068277 by changing the saturation by 10% instead.



4294068277



4294068277

4294967295



4291962654



4294935141



4289789958



4294942591



4287758336



4294950041



4285661184



4294957492



4283629569



4294965200



4281729026



4294967277



4278648832



4278190080



4294068277



4294068277

4294062621

4294073933

4294056965

4294079589

4294055936

4294084990

4294090646

4294096302

4294101958

4294107358

4294113015

4294115327

Harmonies

Analogous

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



4294780792



4294068277



4291522048

Triad

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



4294068277



4278231116



4278225663

Complementary

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



4294068277



4281720818

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.



4278230015



4294068277



4278232213

Square

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



4294068277



4282750976



4278232025



4288244470

Rectangle

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



4294068277



4289167616



4278232025



4278227455

Sweetspot

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



4294068277



4294953668



4294063583



4286603100



4278190080



4286611584

Same Dimension

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



4294068277



4294911759



4294092341



4286082412



4290253312



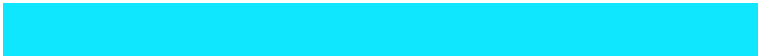
4281861632

Inverse Universe

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



4281720818



4279232511



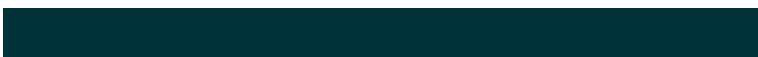
4281696754



4285298552



4278232504



4278202936

Previews

White Background



This preview shows how the Android color 4294068277 looks on a white background.

Color Contrast Check

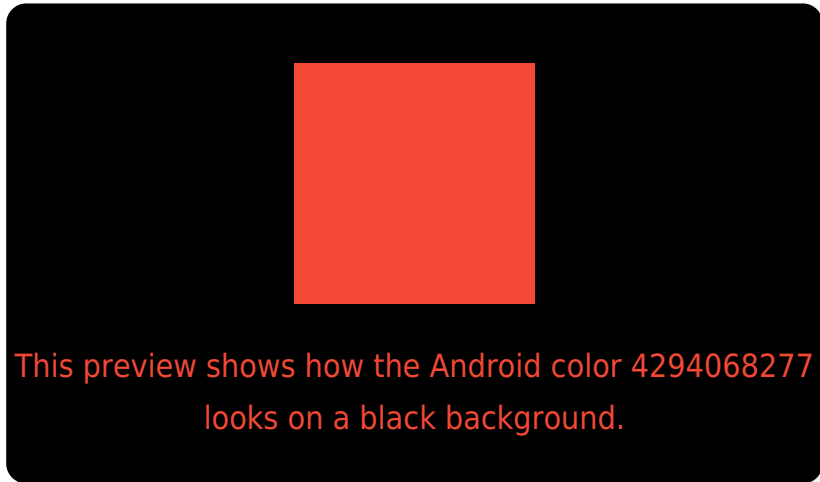
Large Text (above 18pt) WCAG AA ✓ Pass

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 4294068277 Background



This preview shows how black text looks on a background with the Android color 4294068277.



This preview shows how white text looks on a background with the Android color 4294068277.

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
4294068277

Protanopia
4287923783

Deuteranopia
4289232680

Trichromacy



Original Color
4294068277

Protanomaly
4290146112

Deuteranomaly
4290997037

Tritanomaly
4294133314

Monochromacy



Original Color
4294068277

Achromatopsia
4286151033

Achromatomaly
4289029984

CSS Examples

Text

The CSS property to change the color of the text to Android 4294068277 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, 72, 53)` looks like.

```
.text, #text, p{  
    color:rgb(242, 72, 53)  
}
```

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, 72, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 72, 53) }
```

Border

The CSS property to change the border of an element to Android 4294068277 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, 72, 53) }
```

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

```
.border{ border-color:rgb(242, 72, 53) }
```

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

Here you see how a box with a 4 pixel rgb(242, 72, 53) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 72, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 72, 53);  
box-shadow:4px 4px 4px 4px rgb(242, 72,  
53) }
```

Background

The CSS property to change the background color of an element to Android 4294068277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 72, 53) }
```

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

```
.background{ background-color: rgb(242, 72,  
53) }
```

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