Converting Colors

Android(4293983133)

Have a look what the booklet for Android(4293983133) contains.

Color

Android(4293983133)

Conversions

Conversions Part 1

Format	Color
Hex	F0FB9D
RGB	240, 251, 157
RGB Percent	94%, 98%, 62%
CMY	0.0588, 0.0157, 0.3843
CMYK	0.04, 0.00, 0.37, 0.02
HSL	67°, 92%, 80%
HSV	67°, 37%, 98%
XYZ	76.5182, 89.9539, 45.2282
YIQ	236.9950, 23.6180, -31.5660

Conversions

Conversions Part 2

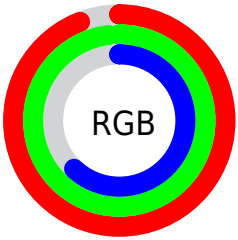
Format	Color
RYB	157, 251, 168
Decimal	15793053
CIELab	95.98, -17.53, 43.84
CIELCh	96, 47.212, 111.793
Yxy	89.9539, 0.3614, 0.4249
Android (android.graphics.Color)	4293983133 (0xFFF0FB9D)
YUV	236.9950, -39.4375, 2.6354
Hunter-Lab	94.8441, -21.9671, 38.1173

Details

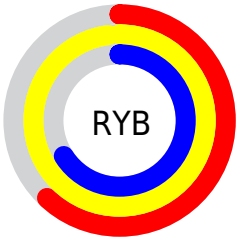
The Android color 4293983133 is a light color, and the websafe version is hex FFFF99. A complement of this color would be 4289240571, and the grayscale version is 4293783021.

A 20% lighter version of the original color is 4294967253, and 4290233192 is the 20% darker color. If you saturate the color by 10%, you get 4293786500, and if you desaturate by 10%, it is 4294179766.

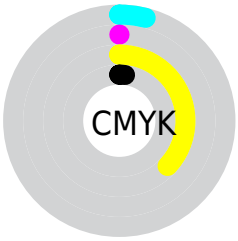
Distribution



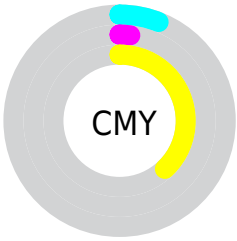
- Red (94%)
- Green (98%)
- Blue (62%)



- Red (62%)
- Yellow (98%)
- Blue (66%)



- Cyan (4%)
- Magenta (0%)
- Yellow (37%)
- Black (2%)



- Cyan (6%)
- Magenta (2%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Android color 4293983133 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 4293983133 by changing the saturation by 10% instead.

4293983133

4294967295

4294967253

4294967281

4293983133

4292075138

4290233192

4288390991

4286614838

4284904220

4283194112

4281615104

4279971072

4278196736

4293983133

4293786500

4293589867

4293393234

4293196601

4292999967

4292803334

4292803328

4293983133

4294179766

4294376399

4294573032

4294769663

4294966271

Harmonies

Analogous

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

4294962329

4293983133

4290510777

Triad

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

4293983133

4283695103

4294955519

Complementary

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

4293983133

4289240571

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.

4294958335

4293983133

4288543999

Square

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

4293983133

4282974207

4293389567

4294955732

Rectangle

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

4293983133

4288020437

4293389567

4294956287

Sweetspot

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

4293983133

4294770659

4294682781

4286480495

4278190080

4286611584

Same Dimension

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

4293983133

4294115212

4290902941

4286283120

4289182976

4281744640

Inverse Universe

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

4289240571

4288318719

4292320763

4285689981

4279632061

4278648893

Previews

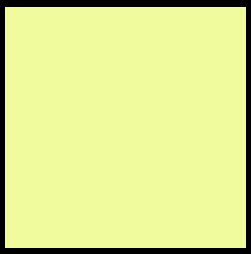
White Background

This preview shows how the Android color 4293983133 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

Black Background



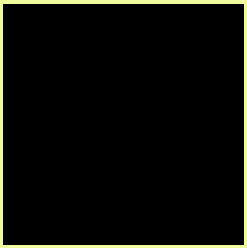
This preview shows how the Android color 4293983133 looks on a black background.

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 ✓ Pass

If you want to check with other color combinations, try the Color Contrast Checker.

Android 4293983133 Background



This preview shows how black text looks on a background with the Android color 4293983133.

This preview shows how white text looks on a background with the Android color 4293983133.

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
4293983133

Protanopia
4294964170

Deuteranopia
4294963684

Tritanopia
4294701311

Trichromacy

Original Color
4293983133

Protanomaly
4294637242

Deuteranomaly
4294637002

Tritanomaly
4294440155

Monochromacy

Original Color
4293983133

Achromatopsia
4293783021

Achromatomaly
4293849808

CSS Examples

Text

The CSS property to change the color of the text to Android 4293983133 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(240, 251, 157) looks like.

```
.text, #text, p{
    color:rgb(240, 251, 157)
}
```

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(240, 251, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 251, 157) }
```

Border

The CSS property to change the border of an element to Android 4293983133 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(240, 251, 157) }
```

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

```
.border{ border-color:rgb(240, 251, 157) }
```

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

Here you see how a box with a 4 pixel rgb(240, 251, 157) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(240, 251, 157); -webkit-box-shadow:4px 4px 4px 4px rgb(240, 251, 157); box-shadow:4px 4px 4px 4px rgb(240, 251, 157) }
```

Background

The CSS property to change the background color of an element to Android 4293983133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(240, 251, 157) }
```

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

```
.background{ background-color:rgb(240,
251, 157) }
```

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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