Converting Colors

Android(4293063948)

Have a look what the booklet for Android(4293063948) contains.

Color

Android(4293063948)

Conversions

Conversions Part 1

Format	Color
Hex	E2F50C
RGB	226, 245, 12
RGB Percent	89%, 96%, 5%
CMY	0.1137, 0.0392, 0.9529
CMYK	0.08, 0.00, 0.95, 0.04
HSL	65°, 92%, 50%
HSV	65°, 95%, 96%
XYZ	64.0828, 81.5001, 12.7014
YIQ	212.7570, 63.4690, -76.4910

Conversions

Conversions Part 2

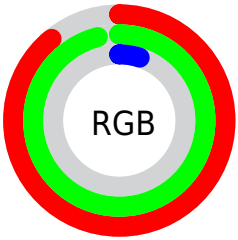
Format	Color
RYB	12, 245, 31
Decimal	14873868
CIELab	92.35, -28.61, 89.09
CIELCh	92, 93.575, 107.802
Yxy	81.5001, 0.4049, 0.5149
Android (android.graphics.Color)	4293063948 (0xFFE2F50C)
YUV	212.7570, -98.9732, 11.6141
Hunter-Lab	90.2774, -31.2785, 54.8525

Details

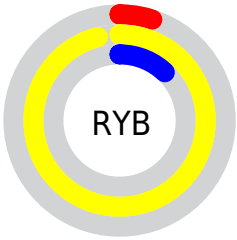
The Android color 4293063948 is a light color, and the websafe version is hex FFFF33. The color can be described as light saturated yellow. A complement of this color would be 4280225013, and the grayscale version is 4292269782.

A 20% lighter version of the original color is 4294967136, and 4289117440 is the 20% darker color. If you saturate the color by 10%, you get 4292998400, and if you desaturate by 10%, it is 4293195044.

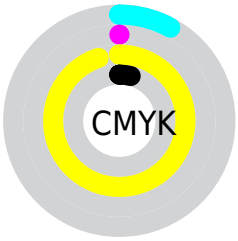
Distribution



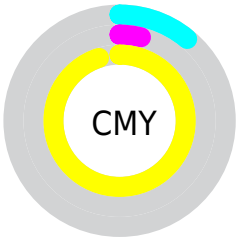
- Red (89%)
- Green (96%)
- Blue (5%)



- Red (5%)
- Yellow (96%)
- Blue (12%)



- Cyan (8%)
- Magenta (0%)
- Yellow (95%)
- Black (4%)



- Cyan (11%)
- Magenta (4%)
- Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Android color 4293063948 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 4293063948 by changing the saturation by 10% instead.

4293063948

4294967295

4294967136

4294967167

4294967197

4294967227

4294967257

4294967287

4293063948

4291090688

4289117440

4287144448

4285302784

4283395584

4281488896

4279582464

4278200320

4278193920

4293063948

4292998400

4293063948

4293195044

4293326141

4293457238

4293588334

4293719430

4293850527

4293981623

4294112720

4294243817

Harmonies

Analogous

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

4294957077

4293063948

4285726567

Triad

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

4293063948

4278255615

4294939903

Complementary

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

4293063948

4280225013

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.

4294949119

4293063948

4278255359

Square

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

4293063948

4278255615

4288340479

4294939063

Rectangle

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

4293063948

4278255521

4288340479

4294942463

Sweetspot

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

4293063948

4294574005

4294253580

4286349395

4278190080

4286611584

Same Dimension

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

4293063948

4293590784

4285658380

4286151278

4289444352

4281744128

Inverse Universe

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

4280225013

4279566591

4287630581

4285492858

4279173306

4278517819

Previews

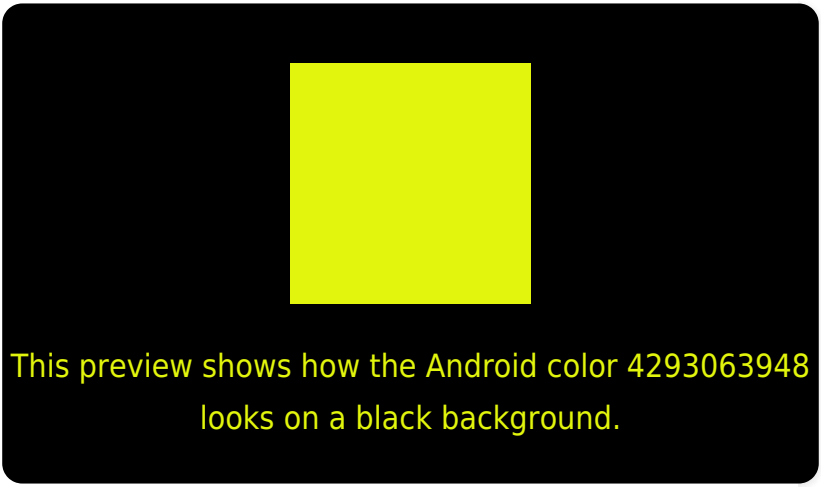
White Background

This preview shows how the Android color 4293063948 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

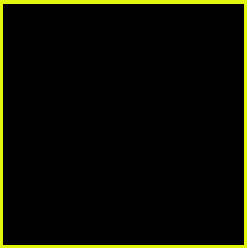


Color Contrast Check

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 4293063948 Background



This preview shows how black text looks on a background with the Android color 4293063948.

This preview shows how white text looks on a background with the Android color 4293063948.

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
4293063948

Protanopia
4294961535

Deuteranopia
4294960578

Tritanopia
4294239478

Trichromacy

Original Color
4293063948

Protanomaly
4294241621

Deuteranomaly
4294241152

Tritanomaly
4293782177

Monochromacy

Original Color
4293063948

Achromatopsia
4292203989

Achromatomaly
4292534668

CSS Examples

Text

The CSS property to change the color of the text to Android 4293063948 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(226, 245, 12) looks like.

```
.text, #text, p{
    color:rgb(226, 245, 12)
}
```

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(226, 245, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 245, 12) }
```

Border

The CSS property to change the border of an element to Android 4293063948 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(226, 245, 12) }
```

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

```
.border{ border-color:rgb(226, 245, 12) }
```

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

Here you see how a box with a 4 pixel rgb(226, 245, 12) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 245, 12); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 245, 12); box-shadow:4px 4px 4px 4px rgb(226, 245, 12) }
```

Background

The CSS property to change the background color of an element to Android 4293063948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(226, 245, 12) }
```

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

```
.background{ background-color:rgb(226,
245, 12) }
```

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