Converting Colors

Android(4294952294)

Have a look what the booklet for Android(4294952294) contains.

Color

Android(4294952294)

Conversions

Conversions Part 1

Format	Color
Hex	FFC566
RGB	255, 197, 102
RGB Percent	100%, 77%, 40%
CMY	0.0000, 0.2275, 0.6000
CMYK	0.00, 0.23, 0.60, 0.00
HSL	37°, 100%, 70%
HSV	37°, 60%, 100%
XYZ	63.6045, 62.1518, 21.2146
YIQ	203.5120, 65.0630, -17.2490

Conversions

Conversions Part 2

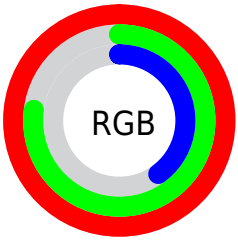
Format	Color
RYB	195, 255, 102
Decimal	16762214
CIELab	82.99, 10.64, 54.73
CIELCh	83, 55.759, 78.997
Yxy	62.1518, 0.4328, 0.4229
Android (android.graphics.Color)	4294952294 (0xFFFFC566)
YUV	203.5120, -50.0454, 45.1550
Hunter-Lab	78.8364, 6.0485, 39.2308

Details

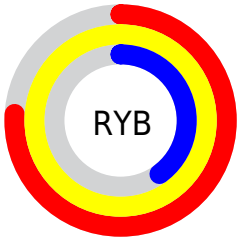
The Android color 4294952294 is a light color, and the websafe version is hex FFCC66. A complement of this color would be 4284915967, and the grayscale version is 4291611852.

A 20% lighter version of the original color is 4294966940, and 4291006258 is the 20% darker color. If you saturate the color by 10%, you get 4294949709, and if you desaturate by 10%, it is 4294954880.

Distribution

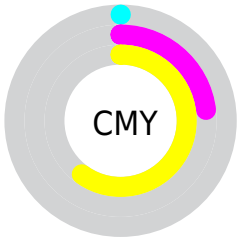


- Red (100%)
- Green (77%)
- Blue (40%)



- Red (76%)
- Yellow (100%)
- Blue (40%)

- Cyan (0%)
- Magenta (23%)
- Yellow (60%)
- Black (0%)



- Cyan (0%)
- Magenta (23%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Android color 4294952294 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 4294952294 by changing the saturation by 10% instead.

4294952294

4294967295

4294966940

4294967223

4294967251

4294967280

4294952294

4292979276

4291006258

4289033749

4287192320

4285351424

4283510784

4281735936

4280222208

4278190080

4294952294

4294949709

4294947379

4294944793

4294942208

4294952294

4294954880

4294957209

4294959795

4294962380

4294964710

4294967295

Harmonies

Analogous

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

4294947457

4294952294

4291679848

Triad

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

4294952294

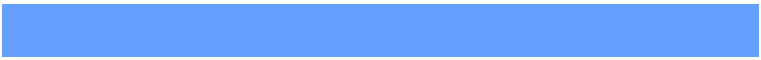
4278249967

4294817023

Complementary

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

4294952294



4284915967

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.

4290038015

4294952294

4278248959

Square

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

4294952294

4281657529

4282047231

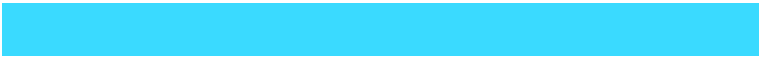
4294944228

Rectangle

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

4294952294

4289191802



4282047231

4293442559

Sweetspot

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

4294952294

4294962897

4294928033

4286608739

4278190080

4286611584

Same Dimension

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

4294952294

4294949191

4293787494

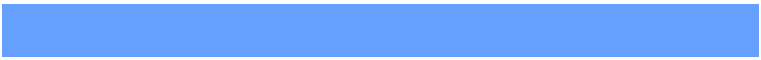
4286610291

4290737920

4282394624

Inverse Universe

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



4284915967

4282879487

4286080767

4285757568

4278208959

4278196288

Previews

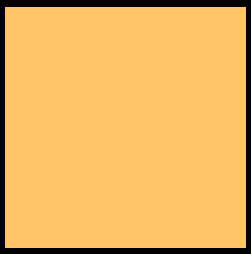
White Background

This preview shows how the Android color 4294952294 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



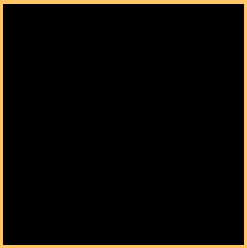
This preview shows how the Android color 4294952294 looks on a black background.

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 4294952294 Background



This preview shows how black text looks on a background with the Android color 4294952294.

This preview shows how white text looks on a background with the Android color 4294952294.

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
4294952294

Protanopia
4293250921

Deuteranopia
4294952294

Tritanopia
4294950345

Trichromacy

Original Color
4294952294

Protanomaly
4293839720

Deuteranomaly
4294952294

Tritanomaly
4294951077

Monochromacy

Original Color
4294952294

Achromatopsia
4291611852

Achromatomaly
4292856231

CSS Examples

Text

The CSS property to change the color of the text to Android 4294952294 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, 197, 102) looks like.

```
.text, #text, p{
    color:rgb(255, 197, 102)
}
```

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, 197, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 197, 102) }
```

Border

The CSS property to change the border of an element to Android 4294952294 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, 197, 102) }
```

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

```
.border{ border-color:rgb(255, 197, 102) }
```

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

Here you see how a box with a 4 pixel rgb(255, 197, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 197, 102); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 197, 102); box-shadow:4px 4px 4px 4px rgb(255, 197, 102) }
```

Background

The CSS property to change the background color of an element to Android 4294952294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(255, 197, 102) }
```

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

```
.background{ background-color:rgb(255,
197, 102) }
```

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