Converting Colors

Android(4294960286)

Have a look what the booklet for Android(4294960286) contains.

Android(4294960286) 3
- ***Conversions*** 4
- ***Details*** 6
- ***Harmonies*** 11
- ***Previews*** 23
- ***Color Blindness Simulation*** 26
- ***CSS Examples*** 29

Color

Android(4294960286)

Conversions

Conversions Part 1

Format	Color
Hex	FFE49E
RGB	255, 228, 158
RGB Percent	100%, 89%, 62%
CMY	0.0000, 0.1059, 0.3804
CMYK	0.00, 0.11, 0.38, 0.00
HSL	43°, 100%, 81%
HSV	43°, 38%, 100%
XYZ	75.1550, 79.2154, 43.6768
YIQ	228.0930, 38.5620, -16.0460

Conversions

Conversions Part 2

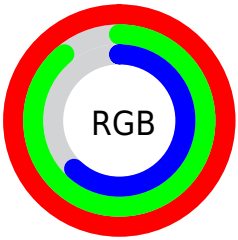
Format	Color
RYB	195, 255, 158
Decimal	16770206
CIELab	91.33, -0.28, 37.55
CIELCh	91, 37.555, 90.428
Yxy	79.2154, 0.3795, 0.4000
Android (android.graphics.Color)	4294960286 (0xFFFFE49E)
YUV	228.0930, -34.5558, 23.5974
Hunter-Lab	89.0030, -5.0284, 33.2066

Details

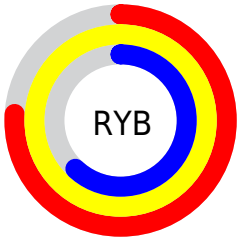
The Android color 4294960286 is a light color, and the websafe version is hex FFCC99. A complement of this color would be 4288592383, and the grayscale version is 4293190884.

A 20% lighter version of the original color is 4294967253, and 4291145066 is the 20% darker color. If you saturate the color by 10%, you get 4294958468, and if you desaturate by 10%, it is 4294962104.

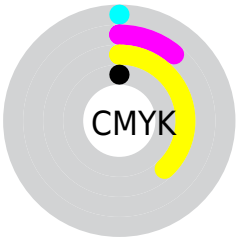
Distribution



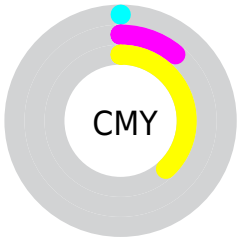
- Red (100%)
- Green (89%)
- Blue (62%)



- Red (76%)
- Yellow (100%)
- Blue (62%)



- Cyan (0%)
- Magenta (11%)
- Yellow (38%)
- Black (0%)



- Cyan (0%)
- Magenta (11%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Android color 4294960286 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 4294960286 by changing the saturation by 10% instead.

4294960286

4294967295

4294967253

4294967282

4294960286

4293052547

4291145066

4289303121

4287461688

4285685793

4283975687

4282397184

4280753408

4278650112

4294960286

4294958468

4294956651

4294954834

4294953016

4294951199

4294949125

4294948864

4294960286

4294962104

4294963921

4294965739

4294967295

Harmonies

Analogous

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

4294957225

4294960286

4292472743

Triad

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

4294960286

4285725183

4294955519

Complementary

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

4294960286

4288592383

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.

4293713407

4294960286

4287034367

Square

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

4294960286

4287101669

4290308607

4294953959

Rectangle

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

4294960286

4290639031

4290308607

4294956543

Sweetspot

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

4294960286

4294965219

4294942393

4286610287

4278190080

4286611584

Same Dimension

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

4294960286

4294958730

4293590942

4286610547

4290742784

4282396160

Inverse Universe

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

4288592383

4287277823

4289961727

4285757056

4278203839

4278194752

Previews

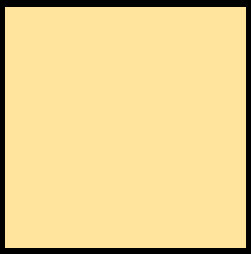
White Background

This preview shows how the Android color 4294960286 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



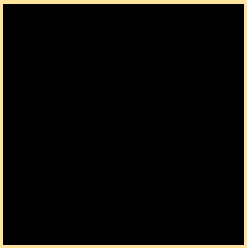
This preview shows how the Android color 4294960286 looks on a black background.

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 4294960286 Background



This preview shows how black text looks on a background with the Android color 4294960286.

This preview shows how white text looks on a background with the Android color 4294960286.

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
4294960286

Protanopia
4294567583

Deuteranopia
4294959557

Tritanopia
4294958570

Trichromacy

Original Color
4294960286

Protanomaly
4294698399

Deuteranomaly
4294959799

Tritanomaly
4294959310

Monochromacy

Original Color
4294960286

Achromatopsia
4293190884

Achromatomaly
4293846219

CSS Examples

Text

The CSS property to change the color of the text to Android 4294960286 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, 228, 158) looks like.

```
.text, #text, p{
    color:rgb(255, 228, 158)
}
```

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, 228, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 228, 158) }
```

Border

The CSS property to change the border of an element to Android 4294960286 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, 228, 158) }
```

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

```
.border{ border-color:rgb(255, 228, 158) }
```

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

Here you see how a box with a 4 pixel rgb(255, 228, 158) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 228, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 228, 158); box-shadow:4px 4px 4px 4px rgb(255, 228, 158) }
```

Background

The CSS property to change the background color of an element to Android 4294960286 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(255, 228, 158) }
```

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

```
.background{ background-color:rgb(255,
228, 158) }
```

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