

Converting Colors

Android(4294963102)

Have a look what the booklet for
Android(4294963102) contains.

Android(4294963102)	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(4294963102)

Conversions

Conversions Part 1

Format	Color
Hex	FFEF9E
RGB	255, 239, 158
RGB Percent	100%, 94%, 62%
CMY	0.0000, 0.0627, 0.3804
CMYK	0.00, 0.06, 0.38, 0.00
HSL	50°, 100%, 81%
HSV	50°, 38%, 100%
XYZ	78.2781, 85.4616, 44.7178
YIQ	234.5500, 35.5370, -21.7990

Conversions

Conversions Part 2

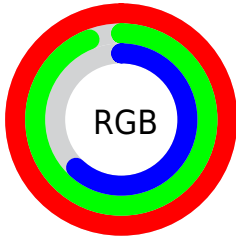
Format	Color
RYB	177, 255, 158
Decimal	16773022
CIELab	94.08, -5.82, 41.13
CIELCh	94, 41.542, 98.048
Yxy	85.4616, 0.3755, 0.4100
Android (android.graphics.Color)	4294963102 (0xFFFFEF9E)
YUV	234.5500, -37.7391, 17.9347
Hunter-Lab	92.4455, -10.6349, 36.0320

Details

The Android color `4294963102` is a light color, and the websafe version is hex `FFFF99`. A complement of this color would be `4288589567`, and the grayscale version is `4293651435`.

A 20% lighter version of the original color is `4294967253`, and `4291147625` is the 20% darker color. If you saturate the color by 10%, you get `4294962052`, and if you desaturate by 10%, it is `4294964152`.

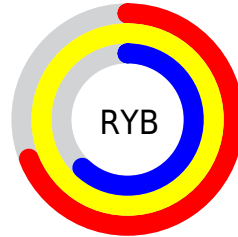
Distribution



Red (100%)

Green (94%)

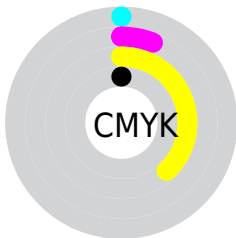
Blue (62%)



Red (69%)

Yellow (100%)

Blue (62%)

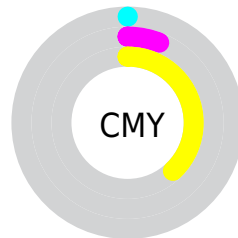


Cyan (0%)

Magenta (6%)

Yellow (38%)

Black (0%)



Cyan (0%)

Magenta (6%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Android color 4294963102 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 4294963102 by changing the saturation by 10% instead.

 4294963102

 4294963102

4294967295

 4293055363

 4294967253

 4291147625

 4294967282

 4289305680

 4287463991

 4285688095

 4283977987

 4282399488

 4280755456

 4278718720

■ 4294963102

■ 4294963102

■ 4294962052

■ 4294964152

■ 4294961003

■ 4294965201

■ 4294959698

■ 4294966507

■ 4294958648

4294967295

■ 4294957599

■ 4294956549

■ 4294956288

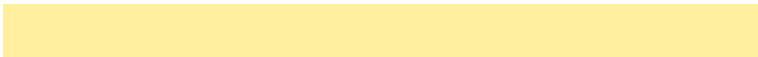
Harmonies

Analogous

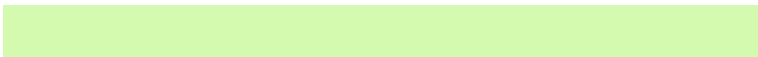
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4294959524



4294963102



4292082350

Triad

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



4294963102



4284940287



4294956287

Complementary

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



4294963102



4288589567

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.



4294959359



4294963102



4287429375

Square

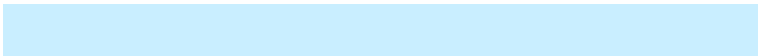
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4294963102



4286054392



4291423999



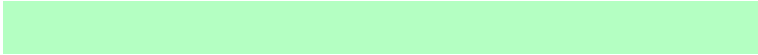
4294955236

Rectangle

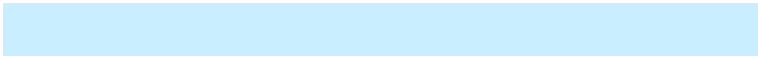
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4294963102



4290052034



4291423999



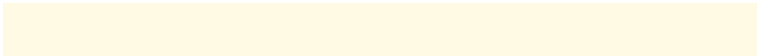
4294957055

Sweetspot

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



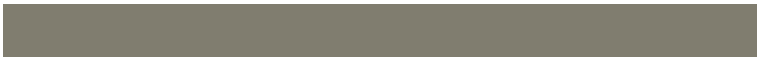
4294963102



4294965987



4294942382



4286610799



4278190080



4286611584

Same Dimension

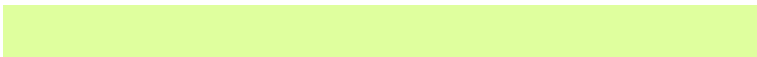
The Same Dimension uses a secret algorithm to generate beautiful new colors.



4294963102



4294962314



4292870046



4286610803



4290748416



4282397952

Inverse Universe

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



4288589567



4287274495



4290682623



4285756800



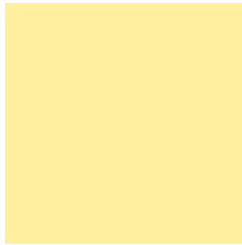
4278198463



4278192960

Previews

White Background



This preview shows how the Android color 4294963102 looks on a white background.

Color Contrast Check

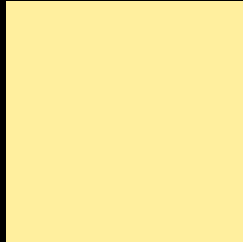
Large Text (above 18pt) WCAG AA × Fail

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 4294963102 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 4294963102 Background



This preview shows how black text looks on a background with the Android color 4294963102.

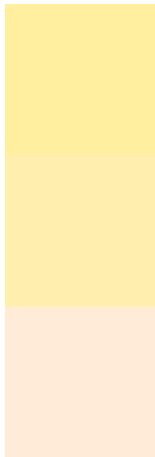


This preview shows how white text looks on a background with the Android color 4294963102.

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
4294963102

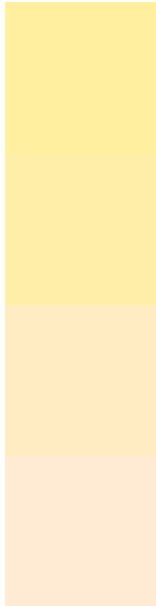
Protanopia
4294962862

Deuteranopia
4294962136



Tritanopia
4294961395

Trichromacy



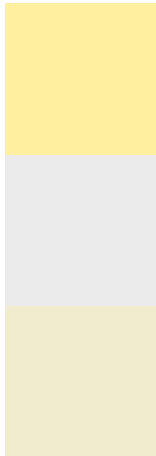
Original Color
4294963102

Protanomaly
4294962856

Deuteranomaly
4294962371

Tritanomaly
4294962132

Monochromacy



Original Color
4294963102

Achromatopsia
4293651435

Achromatomaly
4294110415

CSS Examples

Text

The CSS property to change the color of the text to Android 4294963102 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, 239, 158)` looks like.

```
.text, #text, p{  
    color:rgb(255, 239, 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, 239, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 239, 158) }
```

Border

The CSS property to change the border of an element to Android 4294963102 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, 239, 158) }
```

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

```
.border{ border-color:rgb(255, 239, 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, 239, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 239, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 239, 158); box-shadow:4px 4px 4px 4px rgb(255, 239, 158) }
```

Background

The CSS property to change the background color of an element to Android 4294963102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 239, 158) }
```

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

```
.background{ background-color: rgb(255,  
239, 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