

# Converting Colors

Android(4291623622)

Have a look what the booklet for  
Android(4291623622) contains.

<b>Android(4291623622)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Android(4291623622)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CCFAC6
RGB	204, 250, 198
RGB Percent	80%, 98%, 78%
CMY	0.2000, 0.0196, 0.2235
CMYK	0.18, 0.00, 0.21, 0.02
HSL	113°, 84%, 88%
HSV	113°, 21%, 98%
XYZ	69.2805, 85.2858, 66.2364
YIQ	230.3180, -10.7240, -25.9240

# Conversions

## Conversions Part 2

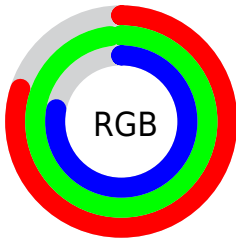
<b>Format</b>	<b>Color</b>
<b>RYB</b>	198, 250, 244
Decimal	13433542
CIELab	94.01, -24.18, 20.20
CIElCh	94, 31.512, 140.125
Yxy	85.2858, 0.3138, 0.3863
Android (android.graphics.Color)	4291623622 (0xFFCCFAC6)
YUV	230.3180, -15.9328, -23.0809
Hunter-Lab	92.3503, -27.7037, 22.1206

# Details

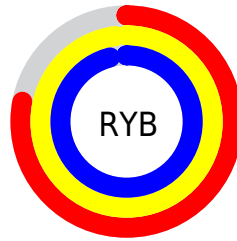
The Android color `4291623622` is a light color, and the websafe version is hex `CCFFCC`. A complement of this color would be `4294231802`, and the grayscale version is `4293322470`.

A 20% lighter version of the original color is `4294967295`, and `4288004496` is the 20% darker color. If you saturate the color by 10%, you get `4290181805`, and if you desaturate by 10%, it is `4293065439`.

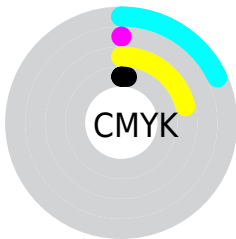
# Distribution



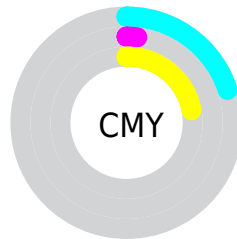
- Red (80%)
- Green (98%)
- Blue (78%)



- Red (78%)
- Yellow (98%)
- Blue (96%)



- Cyan (18%)
- Magenta (0%)
- Yellow (21%)
- Black (2%)




- Cyan (20%)
- Magenta (2%)
- Yellow (22%)


# Brightness & Saturation Gradients

These gradients show how the Android color 4291623622 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 4291623622 by changing the saturation by 10% instead.



 4291623622

 4291623622

4294967295

 4289781163

 4288004496

 4286293622

 4284583005


 4282937925

 4281358639

 4279779609

 4278332160

 4278195968

 4291623622

 4291623622

 4290181805

 4293065439

 4288739988

 4294507256

 4287298171

 4294966015

 4285856354

 4284349001

 4282907184

 4281465367

 4280154624

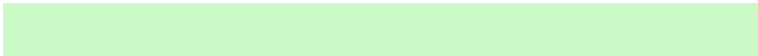
# Harmonies

## Analogous

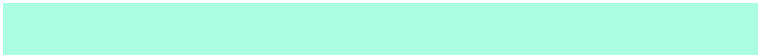
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4293915316



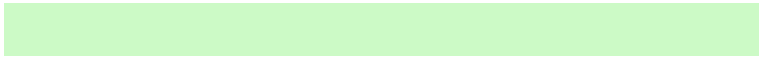
4291623622



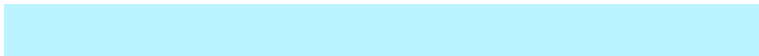
4289461986

# Triad

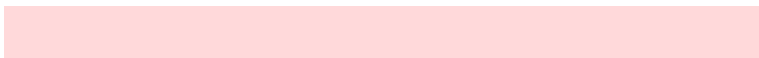
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4291623622



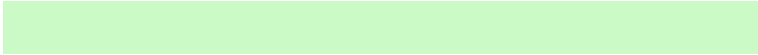
4290508031



4294957530

# Complementary

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



4291623622



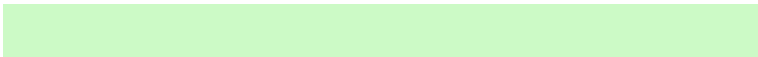
4294231802

# 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.



4294957561



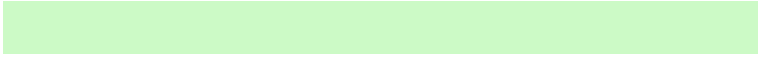
4291623622



4293257727

# Square

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



4291623622



4288478207



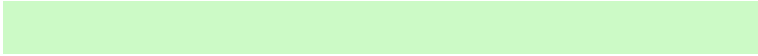
4294959103



4294959040

# Rectangle

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



4291623622



4288413687



4294959103

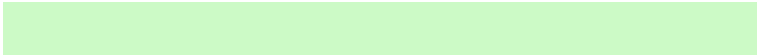


4294957284



# Sweetspot

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



4291623622



4294049776



4294636742



4286087287



4278190080

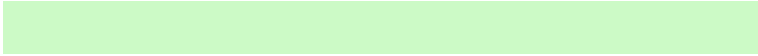


4286611584

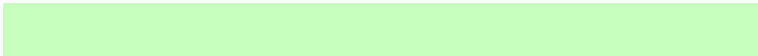


# Same Dimension

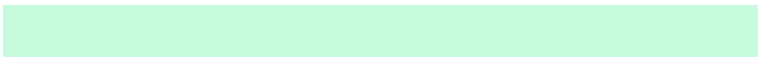
The Same Dimension uses a secret algorithm to generate beautiful new colors.



4291623622



4291297215



4291230426



4285693296



4279680256



4278664448



# Inverse Universe

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



4294231802



4294492159



4294624998



4286345341



4289134781

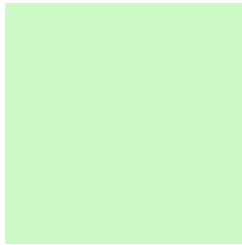


4281729085



# Previews

## White Background



This preview shows how the Android color 4291623622 looks on a white background.

## Color Contrast Check

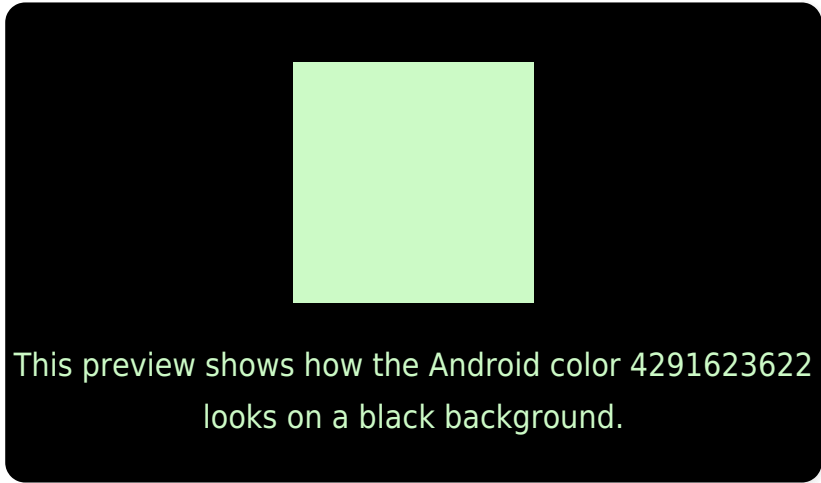
Large Text (above 18pt) WCAG AA × Fail

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

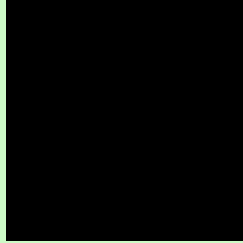
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

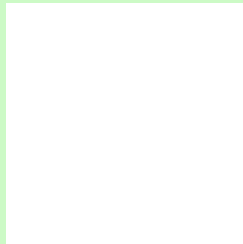
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4291623622 Background



This preview shows how black text looks on a background with the Android color 4291623622.

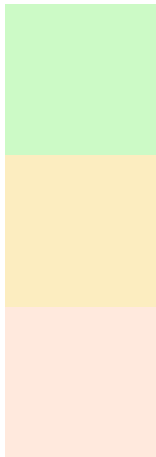


This preview shows how white text looks on a background with the Android color 4291623622.

# 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**  
4291623622

**Protanopia**  
4294766016

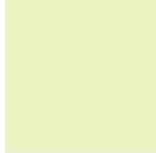
**Deuteranopia**  
4294961629



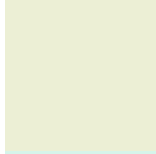
# Trichromacy



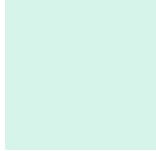
**Original Color**  
4291623622



**Protanomaly**  
4293653186

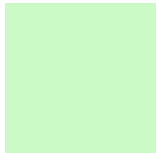


**Deuteranomaly**  
4293717973

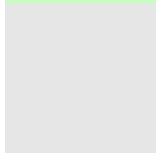


**Tritanomaly**  
4292277482

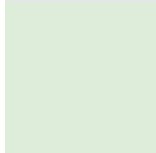
# Monochromacy



**Original Color**  
4291623622



**Achromatopsia**  
4293322470



**Achromatomaly**  
4292734426

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291623622 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(204, 250, 198)` looks like.

```
.text, #text, p{  
    color:rgb(204, 250, 198)  
}
```

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(204, 250, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 250, 198) }
```

## Border

The CSS property to change the border of an element to Android 4291623622 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(204, 250, 198) }
```

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

```
.border{ border-color:rgb(204, 250, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 250, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 250, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 250, 198);  
box-shadow:4px 4px 4px 4px rgb(204, 250,  
198) }
```

# Background

The CSS property to change the background color of an element to Android 4291623622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 250, 198) }
```

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

```
.background{ background-color: rgb(204,  
250, 198) }
```

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