

# Converting Colors

Android(4292870062)

Have a look what the booklet for  
Android(4292870062) contains.

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# **Color**

**Android(4292870062)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DFFFAE
RGB	223, 255, 174
RGB Percent	87%, 100%, 68%
CMY	0.1255, 0.0000, 0.3176
CMYK	0.13, 0.00, 0.32, 0.00
HSL	84°, 100%, 84%
HSV	84°, 32%, 100%
XYZ	73.8314, 90.2640, 53.5758
YIQ	236.1980, 6.9290, -31.9750

# Conversions

## Conversions Part 2

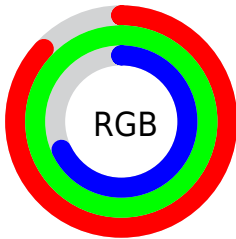
Format	Color
<a href="#">RYB</a>	<a href="#">174, 255, 206</a>
Decimal	<a href="#">14679982</a>
CIELab	<a href="#">96.11, -23.59, 35.39</a>
CIELCh	<a href="#">96, 42.534, 123.685</a>
Yxy	<a href="#">90.2640, 0.3392, 0.4147</a>
Android (android.graphics.Color)	<a href="#">4292870062</a> ( <a href="#">0xFFDFFFAE</a> )
YUV	<a href="#">236.1980, -30.6636, -11.5746</a>
Hunter-Lab	<a href="#">95.0074, -27.5483, 33.0708</a>

# Details

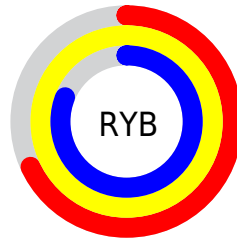
The Android color `4292870062` is a light color, and the websafe version is hex `CCFF99`. A complement of this color would be `4291735295`, and the grayscale version is `4293717228`.

A 20% lighter version of the original color is `4294967270`, and `4289185401` is the 20% darker color. If you saturate the color by 10%, you get `4292214676`, and if you desaturate by 10%, it is `4293525448`.

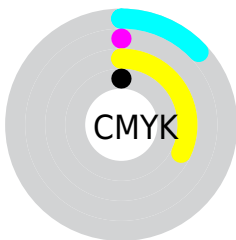
# Distribution



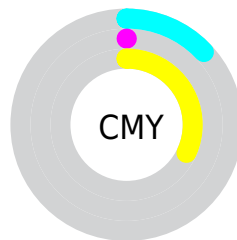
- Red (87%)
- Green (100%)
- Blue (68%)



- Red (68%)
- Yellow (100%)
- Blue (81%)



- Cyan (13%)
- Magenta (0%)
- Yellow (32%)
- Black (0%)



- Cyan (13%)
- Magenta (0%)
- Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4292870062 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 4292870062 by changing the saturation by 10% instead.



 4292870062

 4292870062

4294967295

 4291027603

 4294967270

 4289185401

 4287408991

 4285698119

 4283987502

 4282342934

 4280763904

 4279185152

 4278197504

 4292870062

 4292870062

 4292214676

 4293525448

 4291559291

 4294180833

 4290903906

 4294836219

 4290248520

4294967295

 4289593135

 4288937749

 4288347904

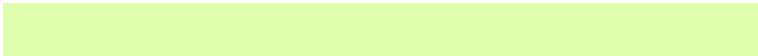
# Harmonies

## Analogous

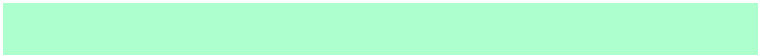
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4294964129



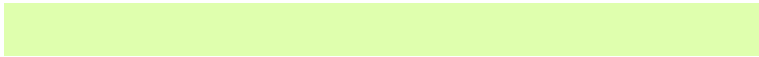
4292870062



4289658830

# Triad

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



4292870062



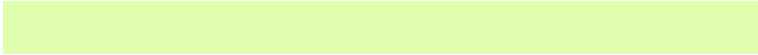
4287037439



4294956528

# Complementary

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



4292870062



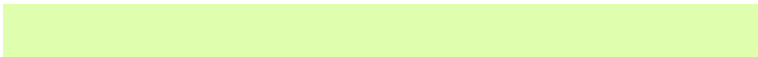
4291735295

# Split Complementary

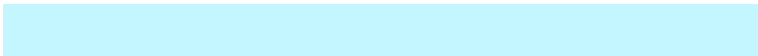
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4294957823



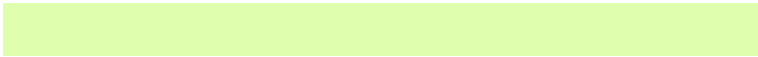
4292870062



4291098367

# Square

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



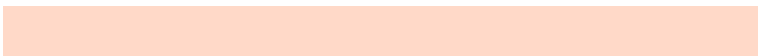
4292870062



4284940287



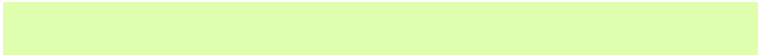
4294961151



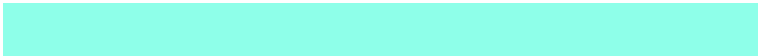
4294957512

# Rectangle

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



4292870062



4287561705



4294961151

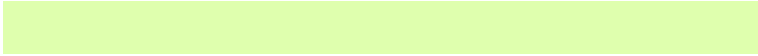


4294956542



# Sweetspot

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



4292870062



4294311910



4294954414



4286152816



4278190080

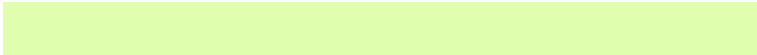


4286611584

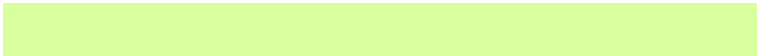


# Same Dimension

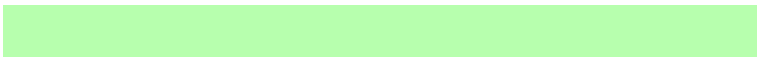
The Same Dimension uses a secret algorithm to generate beautiful new colors.



4292870062



4292476830



4290248622



4286218355



4285841152



4280762368



# Inverse Universe

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



4291735295



4291075839



4294356735



4286083968



4283171007

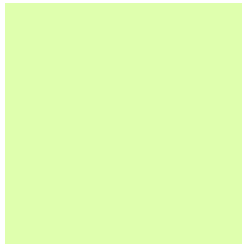


4279828544



# Previews

## White Background



This preview shows how the Android color 4292870062 looks on a white background.

## Color Contrast Check

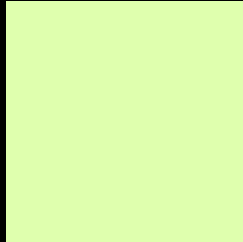
Large Text (above 18pt) WCAG AA × Fail

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 4292870062 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

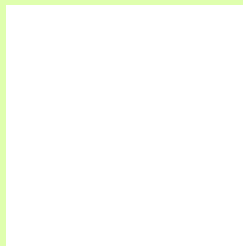
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4292870062 Background



This preview shows how black text looks on a background with the Android color 4292870062.

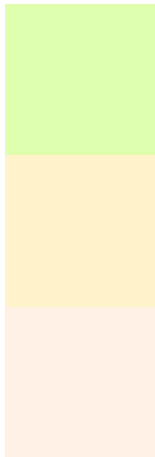


This preview shows how white text looks on a background with the Android color 4292870062.

# 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](#).

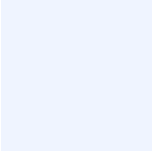
## Dichromacy



**Original Color**  
4292870062

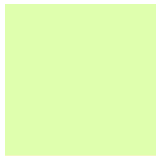
**Protanopia**  
4294964172

**Deuteranopia**  
4294963686

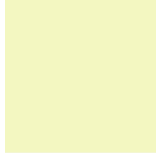


**Tritanopia**  
4293915903

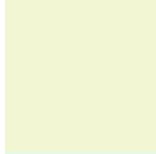
# Trichromacy



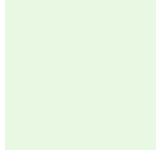
**Original Color**  
4292870062



**Protanomaly**  
4294178753

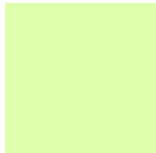


**Deuteranomaly**  
4294178514

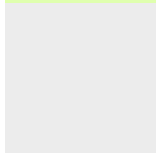


**Tritanomaly**  
4293523682

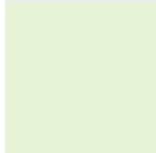
# Monochromacy



**Original Color**  
4292870062



**Achromatopsia**  
4293717228



**Achromatomaly**  
4293391317

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4292870062 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(223, 255, 174)` looks like.

```
.text, #text, p{  
    color:rgb(223, 255, 174)  
}
```

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(223, 255, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 255, 174) }
```

## Border

The CSS property to change the border of an element to Android 4292870062 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(223, 255, 174) }
```

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

```
.border{ border-color:rgb(223, 255, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 255, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 255, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 255, 174);  
box-shadow:4px 4px 4px 4px rgb(223, 255,  
174) }
```

# Background

The CSS property to change the background color of an element to Android 4292870062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 255, 174) }
```

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

```
.background{ background-color: rgb(223,  
255, 174) }
```

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](#).



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