

# Converting Colors

Android(4288932006)

Have a look what the booklet for  
Android(4288932006) contains.

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# **Color**

**Android(4288932006)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A3E8A6
RGB	163, 232, 166
RGB Percent	64%, 91%, 65%
CMY	0.3608, 0.0902, 0.3490
CMYK	0.30, 0.00, 0.28, 0.09
HSL	123°, 60%, 77%
HSV	123°, 30%, 91%
XYZ	50.8438, 68.2529, 46.5708
YIQ	203.8450, -19.9380, -35.1540

# Conversions

## Conversions Part 2

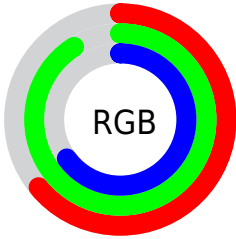
<b>Format</b>	<b>Color</b>
<b>RYB</b>	163, 229, 232
Decimal	10741926
CIELab	86.13, -34.34, 25.40
CIElCh	86, 42.716, 143.511
Yxy	68.2529, 0.3069, 0.4120
Android (android.graphics.Color)	4288932006 (0xFFA3E8A6)
YUV	203.8450, -18.6576, -35.8211
Hunter-Lab	82.6153, -34.7229, 24.4086

# Details

The Android color `4288932006` is a light color, and the websafe version is hex `99CC99`. A complement of this color would be `4293436389`, and the grayscale version is `4291611852`.

A 20% lighter version of the original color is `4292607965`, and `4285378674` is the 20% darker color. If you saturate the color by 10%, you get `4287424656`, and if you desaturate by 10%, it is `4290439356`.

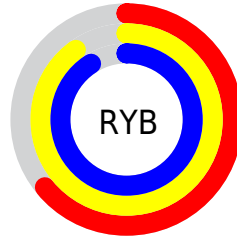
# Distribution



Red (64%)

Green (91%)

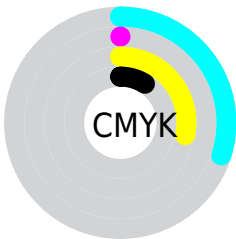
Blue (65%)



Red (64%)

Yellow (90%)

Blue (91%)

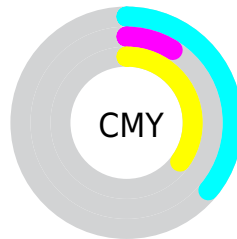


Cyan (30%)

Magenta (0%)

Yellow (28%)

Black (9%)



Cyan (36%)

Magenta (9%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4288932006 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 4288932006 by changing the saturation by 10% instead.



 4288932006

 4288932006

4294967295

 4287155339

 4292607965

 4285378674

 4294508538

 4283667801

 4281957185

 4280115754

 4278208787

 4278202880

 4278197760

 4278190080

 4288932006

 4288932006

 4287424656

 4290439356

 4285917306

 4291946706

 4284344419

 4293519593

 4282837069

 4294961407

 4281329719

 4279822369

 4278315019

 4278249482

# Harmonies

## Analogous

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



4292009868



4288932006



4285590989

# Triad

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



4288932006



4287618815



4294949561

# Complementary

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



4288932006



4293436389

# 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.



4294949346



4288932006



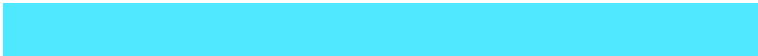
4291875071

# Square

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



4288932006



4283427071



4294951679



4294952088

# Rectangle

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



4288932006



4283362793



4294951679



4294949318



# Sweetspot

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



4288932006



4293459945



4293322915



4285628530



4278190080



4286611584

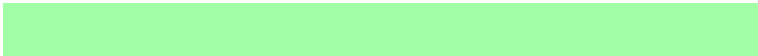


# Same Dimension

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



4288932006



4288937895



4288932040



4284969832



4278235912



4278203138



# Inverse Universe

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



4293436389



4294943739



4293436355



4285753202



4289921195

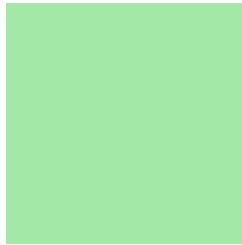


4281532465



# Previews

## White Background



This preview shows how the Android color 4288932006 looks on a white background.

## Color Contrast Check

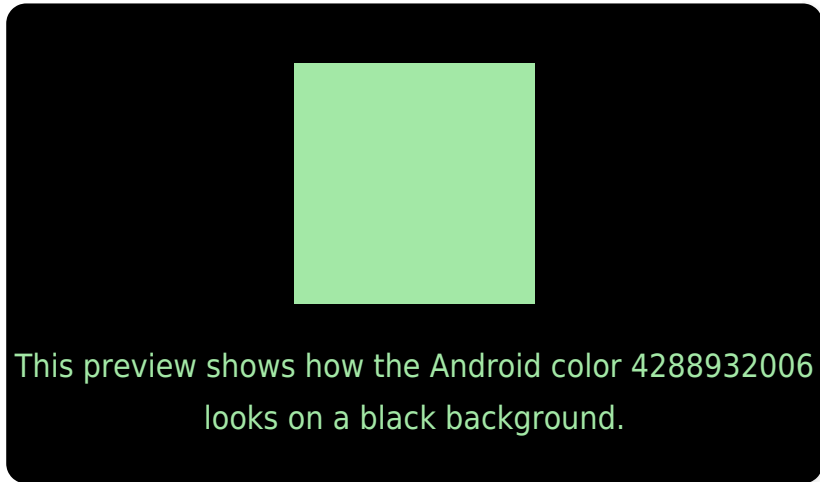
Large Text (above 18pt) WCAG AA × Fail

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 4288932006 Background



This preview shows how black text looks on a background with the Android color 4288932006.



This preview shows how white text looks on a background with the Android color 4288932006.

# 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



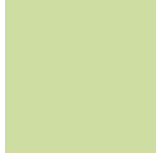


# Trichromacy



**Original Color**

4288932006



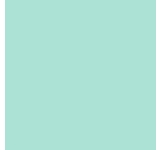
**Protanomaly**

4291747233



**Deuteranomaly**

4292532138



**Tritanomaly**

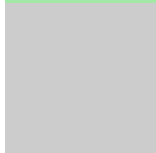
4289520341

# Monochromacy



**Original Color**

4288932006



**Achromatopsia**

4291611852



**Achromatomaly**

4290631358

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4288932006 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(163, 232, 166)` looks like.

```
.text, #text, p{  
    color:rgb(163, 232, 166)  
}
```

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(163, 232, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 232, 166) }
```

## Border

The CSS property to change the border of an element to Android 4288932006 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(163, 232, 166) }
```

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

```
.border{ border-color:rgb(163, 232, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 232, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 232, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 232, 166);  
box-shadow:4px 4px 4px 4px rgb(163, 232,  
166) }
```

# Background

The CSS property to change the background color of an element to Android 4288932006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 232, 166) }
```

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

```
.background{ background-color: rgb(163,  
232, 166) }
```

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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