

# Converting Colors

Android(4288537023)

Have a look what the booklet for  
Android(4288537023) contains.

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# **Color**

**Android(4288537023)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9DE1BF
RGB	157, 225, 191
RGB Percent	62%, 88%, 75%
CMY	0.3843, 0.1176, 0.2510
CMYK	0.30, 0.00, 0.15, 0.12
HSL	150°, 53%, 75%
HSV	150°, 30%, 88%
XYZ	50.2338, 64.7801, 59.1464
YIQ	200.7920, -29.6140, -24.9900

# Conversions

## Conversions Part 2

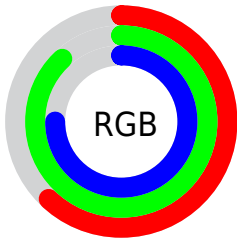
<b>Format</b>	<b>Color</b>
<b>RYB</b>	157, 202, 225
Decimal	10346943
CIELab	84.37, -28.38, 9.87
CIElCh	84, 30.041, 160.829
Yxy	64.7801, 0.2884, 0.3720
Android (android.graphics.Color)	4288537023 (0xFF9DE1BF)
YUV	200.7920, -4.8275, -38.4056
Hunter-Lab	80.4861, -29.4434, 12.7701

# Details

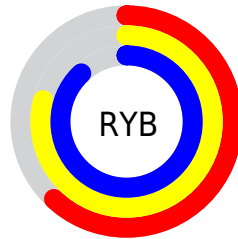
The Android color `4288537023` is a light color, and the websafe version is hex `99CC99`. A complement of this color would be `4292976063`, and the grayscale version is `4291414473`.

A 20% lighter version of the original color is `4292214775`, and `4284983690` is the 20% darker color. If you saturate the color by 10%, you get `4287095220`, and if you desaturate by 10%, it is `4290044362`.

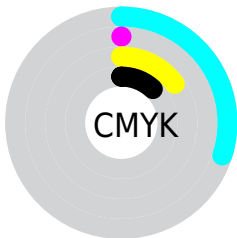
# Distribution



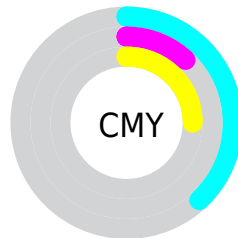
- Red (62%)
- Green (88%)
- Blue (75%)



- Red (62%)
- Yellow (79%)
- Blue (88%)



- Cyan (30%)
- Magenta (0%)
- Yellow (15%)
- Black (12%)



- Cyan (38%)
- Magenta (12%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4288537023 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 4288537023 by changing the saturation by 10% instead.





4288537023



4288537023

4294967295



4286760356



4292214775



4284983690



4294115327



4283273072



4281562456



4279786560



4278207530



4278201622



4278196224



4278190080

 4288537023

 4288537023

 4287095220

 4290044362

 4285587881


 4291486166

 4284146077

 4292993505

 4282638738

 4294435308

 4281196935

 4294959607

 4279689596

 4294959615

 4278247793

# Harmonies

## Analogous

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



4290632871



4288537023



4286899164

# Triad

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



4288537023



4290695935



4294951599

# Complementary

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



4288537023



4292976063

# 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.



4294950601



4288537023



4293183741

# Square

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



4288537023



4288142079



4294951142



4294429598

# Rectangle

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



4288537023



4286505711



4294951142



4294951095

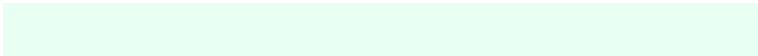


# Sweetspot

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



4288537023



4293459956



4290765213



4285628536



4278190080



4286611584

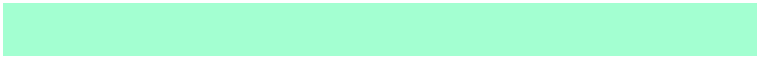


# Same Dimension

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



4288537023



4288937937



4288537057



4284837995



4278235224



4278202392



# Inverse Universe

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



4292976063



4294943697



4292976029



4285556075



4289724504

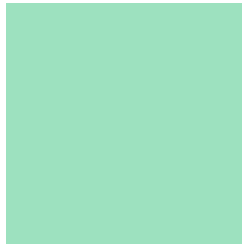


4281335832



# Previews

## White Background



This preview shows how the Android color 4288537023 looks on a white background.

## Color Contrast Check

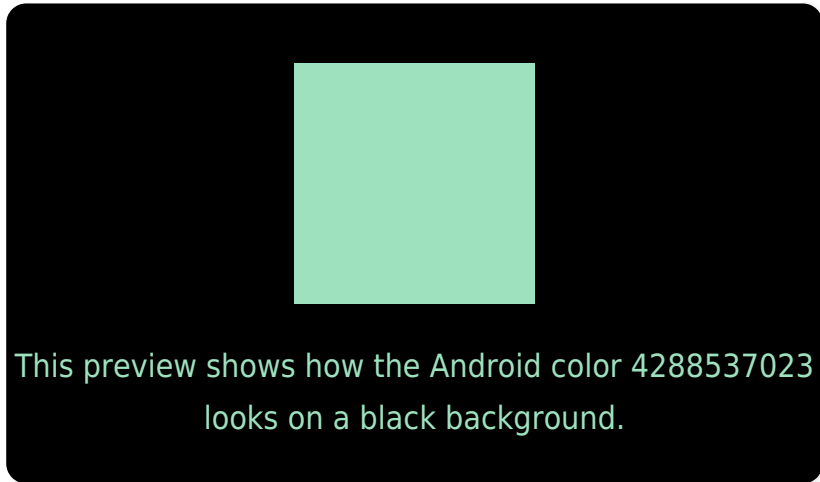
Large Text (above 18pt) WCAG AA × Fail

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

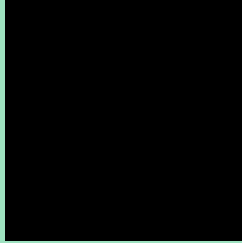
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

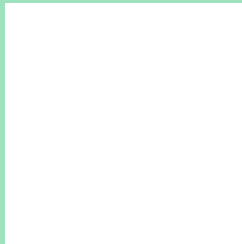
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4288537023 Background



This preview shows how black text looks on a background with the Android color 4288537023.



This preview shows how white text looks on a background with the Android color 4288537023.

# 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



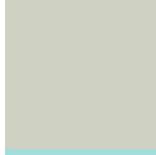
**Original Color**

4288537023



**Protanomaly**

4291155898



**Deuteranomaly**

4291809986



**Tritanomaly**

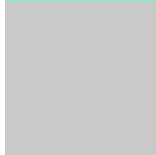
4288929244

# Monochromacy



**Original Color**

4288537023



**Achromatopsia**

4291414473



**Achromatomaly**

4290368197

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4288537023 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(157, 225, 191)` looks like.

```
.text, #text, p{  
    color:rgb(157, 225, 191)  
}
```

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(157, 225, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 225, 191) }
```

## Border

The CSS property to change the border of an element to Android 4288537023 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(157, 225, 191) }
```

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

```
.border{ border-color:rgb(157, 225, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 225, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 225, 191); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 225, 191); box-shadow:4px 4px 4px 4px rgb(157, 225, 191) }
```

# Background

The CSS property to change the background color of an element to Android 4288537023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 225, 191) }
```

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

```
.background{ background-color: rgb(157,  
225, 191) }
```

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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