

# Converting Colors

Android(4292536001)

Have a look what the booklet for  
Android(4292536001) contains.

<b>Android(4292536001)</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(4292536001)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DAE6C1
RGB	218, 230, 193
RGB Percent	85%, 90%, 76%
CMY	0.1451, 0.0980, 0.2431
CMYK	0.05, 0.00, 0.16, 0.10
HSL	79°, 43%, 83%
HSV	79°, 16%, 90%
XYZ	66.8359, 75.3493, 61.4733
YIQ	222.1940, 4.7250, -14.0510

# Conversions

## Conversions Part 2

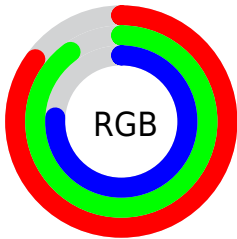
Format	Color
<a href="#">RYB</a>	<a href="#">193, 230, 205</a>
Decimal	<a href="#">14345921</a>
CIELab	<a href="#">89.56, -10.36, 16.69</a>
CIELCh	<a href="#">90, 19.647, 121.822</a>
Yxy	<a href="#">75.3493, 0.3282, 0.3700</a>
Android (android.graphics.Color)	<a href="#">4292536001 (0xFFDAE6C1)</a>
YUV	<a href="#">222.1940, -14.3926, -3.6781</a>
Hunter-Lab	<a href="#">86.8040, -14.4685, 18.7745</a>

# Details

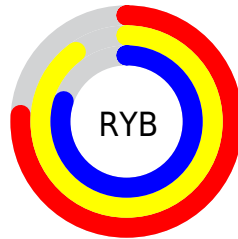
The Android color `4292536001` is a light color, and the websafe version is hex `FFFFCC`. A complement of this color would be `4291674598`, and the grayscale version is `4292796126`.

A 20% lighter version of the original color is `4294967290`, and `4288917387` is the 20% darker color. If you saturate the color by 10%, you get `4292077226`, and if you desaturate by 10%, it is `4292994776`.

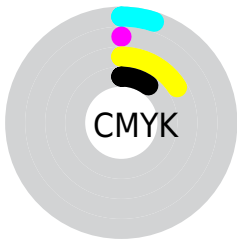
# Distribution



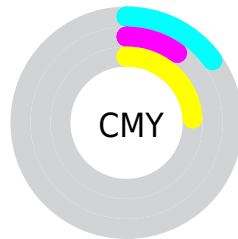
- Red (85%)
- Green (90%)
- Blue (76%)



- Red (76%)
- Yellow (90%)
- Blue (80%)



- Cyan (5%)
- Magenta (0%)
- Yellow (16%)
- Black (10%)



- Cyan (15%)
- Magenta (10%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4292536001 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 4292536001 by changing the saturation by 10% instead.





4292536001



4292536001

4294967295



4290693798



4294967290



4288917387



4287206514



4285495897



4283851074



4282337579



4280824598



4279639552



4278190080

 4292536001

 4292536001

 4292077226

 4292994776

 4291552915

 4293519087

 4291094140

 4293977855

 4290569829

 4294502143

 4290111054

 4294960895

 4289586743

 4289127968

 4288603657

 4288407040

# Harmonies

## Analogous

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



4293910716



4292536001



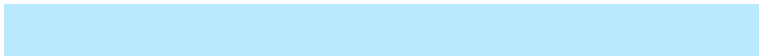
4291160783

# Triad

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



4292536001



4290373887



4294956257

# Complementary

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



4292536001



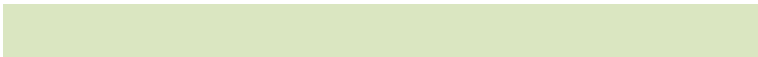
4291674598

# 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.



4294694899



4292536001



4291748607

# Square

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



4292536001



4289784820



4293319935



4294956494

# Rectangle

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



4292536001



4290374875



4293319935



4294956519



# Sweetspot

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



4292536001



4294705138



4293316033



4286414968



4278190080



4286611584

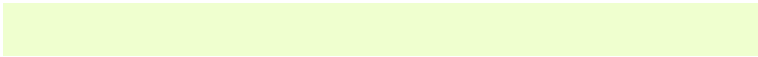


# Same Dimension

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



4292536001



4293918671



4291356353



4285494119



4286165760



4280431360



# Inverse Universe

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



4291674598



4292792319



4292854246



4285228915



4281991347

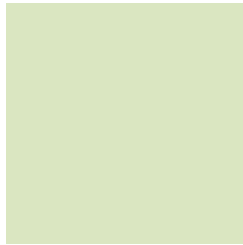


4279304243



# Previews

## White Background



This preview shows how the Android color 4292536001 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 4292536001 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

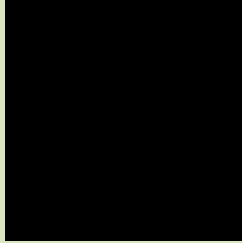
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

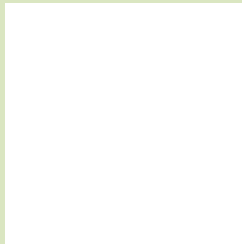
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4292536001 Background



This preview shows how black text looks on a background with the Android color 4292536001.



This preview shows how white text looks on a background with the Android color 4292536001.

# Color Blindness Simulation

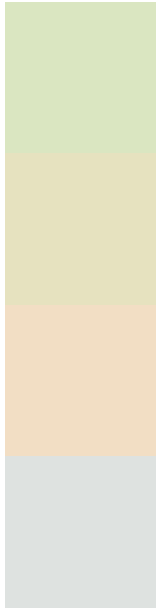
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



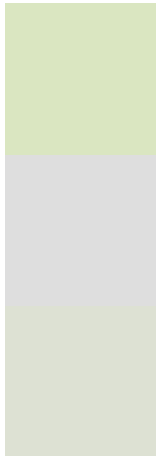
**Original Color**  
4292536001

**Protanomaly**  
4293321407

**Deuteranomaly**  
4294106820

**Tritanomaly**  
4292797152

# Monochromacy



**Original Color**  
4292536001

**Achromatopsia**  
4292796126

**Achromatomaly**  
4292731347

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4292536001 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(218, 230, 193)` looks like.

```
.text, #text, p{  
    color:rgb(218, 230, 193)  
}
```

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(218, 230, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 230, 193) }
```

## Border

The CSS property to change the border of an element to Android 4292536001 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(218, 230, 193) }
```

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

```
.border{ border-color:rgb(218, 230, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 230, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 230, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 230, 193);  
box-shadow:4px 4px 4px 4px rgb(218, 230,  
193) }
```

# Background

The CSS property to change the background color of an element to Android 4292536001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 230, 193) }
```

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

```
.background{ background-color: rgb(218,  
230, 193) }
```

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