

# Converting Colors

Android(4291882456)

Have a look what the booklet for  
Android(4291882456) contains.

<b>Android(4291882456)</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(4291882456)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D0EDD8
RGB	208, 237, 216
RGB Percent	82%, 93%, 85%
CMY	0.1843, 0.0706, 0.1529
CMYK	0.12, 0.00, 0.09, 0.07
HSL	137°, 45%, 87%
HSV	137°, 12%, 93%
XYZ	68.6913, 78.9361, 76.5815
YIQ	225.9350, -10.5430, -12.6790

# Conversions

## Conversions Part 2

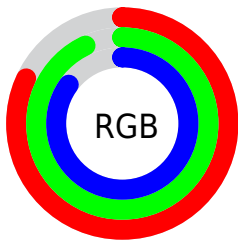
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	208, 231, 237
Decimal	13692376
CIE <sub>Lab</sub>	91.21, -13.39, 6.97
CIE <sub>LCh</sub>	91, 15.098, 152.488
Yxy	78.9361, 0.3064, 0.3521
Android (android.graphics.Color)	4291882456 (0xFFD0EDD8)
YUV	225.9350, -4.8980, -15.7290
Hunter-Lab	88.8460, -17.4733, 11.0867

# Details

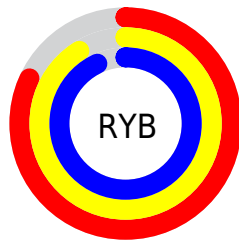
The Android color `4291882456` is a light color, and the websafe version is hex `CCFFFF`. A complement of this color would be `4293775589`, and the grayscale version is `4293059298`.

A 20% lighter version of the original color is `4294967295`, and `4288263585` is the 20% darker color. If you saturate the color by 10%, you get `4290309575`, and if you desaturate by 10%, it is `4293455337`.

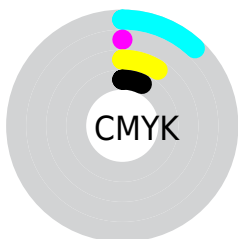
# Distribution



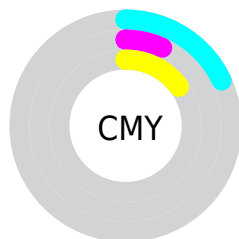
- Red (82%)
- Green (93%)
- Blue (85%)



- Red (82%)
- Yellow (91%)
- Blue (93%)



- Cyan (12%)
- Magenta (0%)
- Yellow (9%)
- Black (7%)



- Cyan (18%)
- Magenta (7%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291882456 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 4291882456 by changing the saturation by 10% instead.



 4291882456

 4291882456

4294967295

 4290040252

 4288263585

 4286552711

 4284907630

 4283328341

 4281814846

 4280367144

 4278919700

 4278192128

 4291882456

 4291882456

 4290309575

 4293455337

 4288802230

 4294962682

 4287229349

 4294962687

 4285656467

 4284083586

 4282576241

 4281003360

 4279430479

 4278250817

# Harmonies

## Analogous

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



4292930253



4291882456



4291096294

# Triad

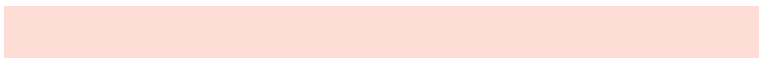
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4291882456



4292405247



4294958551

# Complementary

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



4291882456



4293775589

# 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.



4294958309



4291882456



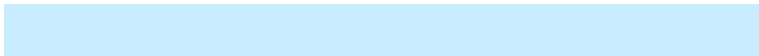
4293583614

# Square

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



4291882456



4291423231



4294631155



4294893773

# Rectangle

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



4291882456



4290899696



4294631155



4294958299

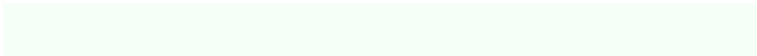


# Sweetspot

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



4291882456



4294311928



4293258704



4286152827



4278190080



4286611584

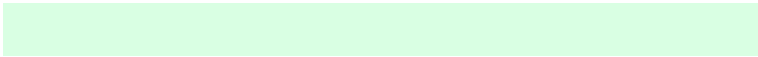


# Same Dimension

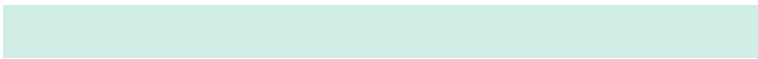
The Same Dimension uses a secret algorithm to generate beautiful new colors.



4291882456



4292476899



4291882470



4285166957



4278236466



4278203919



# Inverse Universe

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



4293775589



4294957556



4293775575



4285885042



4290052227

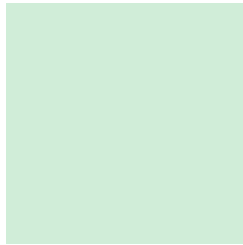


4281729063



# Previews

## White Background



This preview shows how the Android color 4291882456 looks on a white background.

## Color Contrast Check

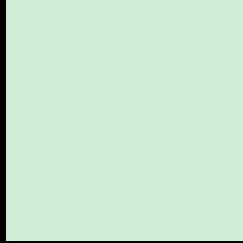
Large Text (above 18pt) WCAG AA × Fail

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 4291882456 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

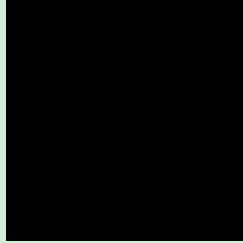
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

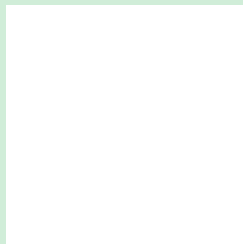
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4291882456 Background



This preview shows how black text looks on a background with the Android color 4291882456.



This preview shows how white text looks on a background with the Android color 4291882456.

# Color Blindness Simulation

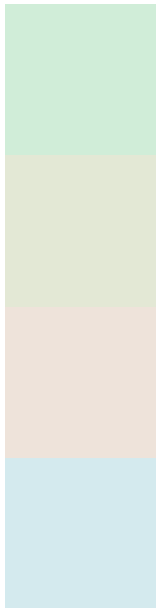
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



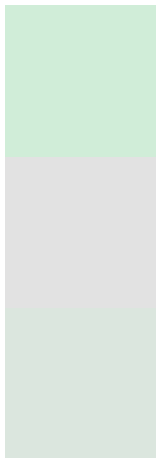
**Original Color**  
4291882456

**Protanomaly**  
4293126357

**Deuteranomaly**  
4293845978

**Tritanomaly**  
4292143854

# Monochromacy



**Original Color**  
4291882456

**Achromatopsia**  
4293059298

**Achromatomaly**  
4292601566

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291882456 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(208, 237, 216)` looks like.

```
.text, #text, p{  
    color:rgb(208, 237, 216)  
}
```

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(208, 237, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 237, 216) }
```

## Border

The CSS property to change the border of an element to Android 4291882456 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(208, 237, 216) }
```

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

```
.border{ border-color:rgb(208, 237, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 237, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 237, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 237, 216);  
box-shadow:4px 4px 4px 4px rgb(208, 237,  
216) }
```

# Background

The CSS property to change the background color of an element to Android 4291882456 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 237, 216) }
```

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

```
.background{ background-color: rgb(208,  
237, 216) }
```

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