

# Converting Colors

Android(4291226319)

Have a look what the booklet for  
Android(4291226319) contains.

<b>Android(4291226319)</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(4291226319)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C6EACF
RGB	198, 234, 207
RGB Percent	78%, 92%, 81%
CMY	0.2235, 0.0824, 0.1882
CMYK	0.15, 0.00, 0.12, 0.08
HSL	135°, 46%, 85%
HSV	135°, 15%, 92%
XYZ	63.9740, 75.3564, 70.2049
YIQ	220.1580, -12.7890, -16.0290

# Conversions

## Conversions Part 2

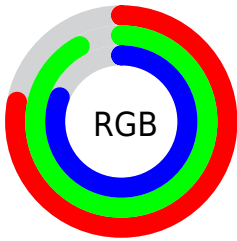
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	198, 227, 234
Decimal	13036239
CIE Lab	89.56, -16.81, 9.22
CIE LCh	90, 19.173, 151.267
Yxy	75.3564, 0.3053, 0.3596
Android (android.graphics.Color)	4291226319 (0xFFC6EACF)
YUV	220.1580, -6.4869, -19.4326
Hunter-Lab	86.8081, -20.3669, 12.8156

# Details

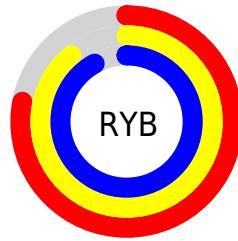
The Android color `4291226319` is a light color, and the websafe version is hex `CCFFCC`. A complement of this color would be `4293576417`, and the grayscale version is `4292664540`.

A 20% lighter version of the original color is `4294967295`, and `4287672985` is the 20% darker color. If you saturate the color by 10%, you get `4289718973`, and if you desaturate by 10%, it is `4292733665`.

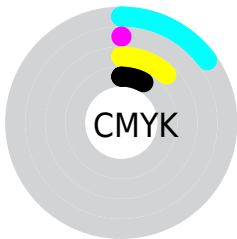
# Distribution



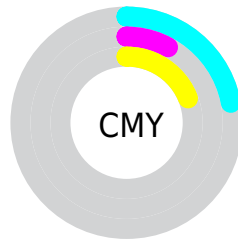
- Red (78%)
- Green (92%)
- Blue (81%)



- Red (78%)
- Yellow (89%)
- Blue (92%)



- Cyan (15%)
- Magenta (0%)
- Yellow (12%)
- Black (8%)




- Cyan (22%)
- Magenta (8%)
- Yellow (19%)


# Brightness & Saturation Gradients

These gradients show how the Android color 4291226319 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 4291226319 by changing the saturation by 10% instead.



 4291226319

 4291226319

4294967295

 4289449651

 4287672985

 4285962111

 4284317030


 4282737742


 4281224247

 4279711009

 4278263820

 4278190080

 4291226319

 4291226319

 4289718973

 4292733665

 4288146092

 4294306546

 4286638746

 4294961919

 4285065865

 4283558519

 4282051174

 4280478292

 4278970947

 4278250043

# Harmonies

## Analogous

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



4292601538



4291226319



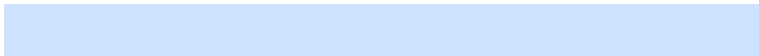
4290178273

# Triad

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



4291226319



4291748607



4294956751

# Complementary

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



4291226319



4293576417

# 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.



4294956513



4291226319



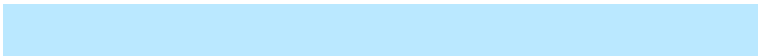
4293319935

# Square

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



4291226319



4290439423



4294629363



4294957762

# Rectangle

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



4291226319



4289850606



4294629363



4294956501

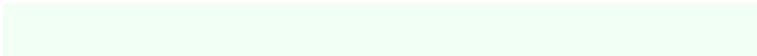


# Sweetspot

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



4291226319



4294115317



4292995782



4286087290



4278190080



4286611584

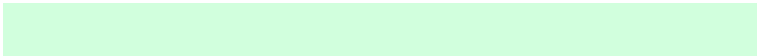


# Same Dimension

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



4291226319



4291952605



4291226337



4285166957



4278236461



4278203917



# Inverse Universe

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



4293576417



4294955508



4293576399



4285885042



4290052232



4281729064



# Previews

## White Background



This preview shows how the Android color 4291226319 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 4291226319 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

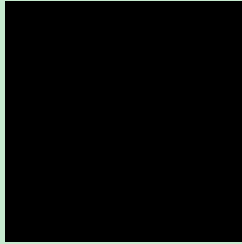
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

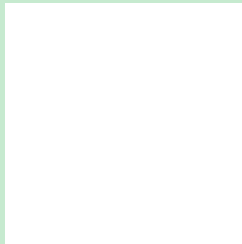
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4291226319 Background



This preview shows how black text looks on a background with the Android color 4291226319.



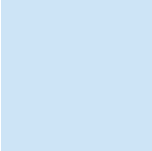
This preview shows how white text looks on a background with the Android color 4291226319.

# 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





**Tritanopia**  
4291683574

# Trichromacy



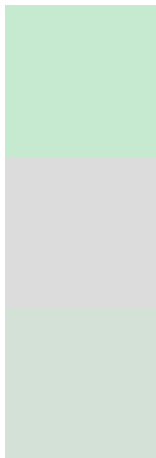
**Original Color**  
4291226319

**Protanomaly**  
4292732108

**Deuteranomaly**  
4293451729

**Tritanomaly**  
4291487464

# Monochromacy



**Original Color**  
4291226319

**Achromatopsia**  
4292664540

**Achromatomaly**  
4292141527

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291226319 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(198, 234, 207)` looks like.

```
.text, #text, p{  
    color:rgb(198, 234, 207)  
}
```

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(198, 234, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 234, 207) }
```

## Border

The CSS property to change the border of an element to Android 4291226319 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(198, 234, 207) }
```

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

```
.border{ border-color:rgb(198, 234, 207) }
```

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

Here you see how a box with a 4 pixel rgb(198, 234, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 234, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 234, 207);  
box-shadow:4px 4px 4px 4px rgb(198, 234,  
207) }
```

# Background

The CSS property to change the background color of an element to Android 4291226319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 234, 207) }
```

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

```
.background{ background-color: rgb(198,  
234, 207) }
```

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