

# Converting Colors

Android(4291617270)

Have a look what the booklet for  
Android(4291617270) contains.

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# **Color**

**Android(4291617270)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CCE1F6
RGB	204, 225, 246
RGB Percent	80%, 88%, 96%
CMY	0.2000, 0.1176, 0.0353
CMYK	0.17, 0.09, 0.00, 0.04
HSL	210°, 70%, 88%
HSV	210°, 17%, 96%
XYZ	68.4616, 73.3416, 97.7368
YIQ	221.1150, -19.2570, 2.0790

# Conversions

## Conversions Part 2

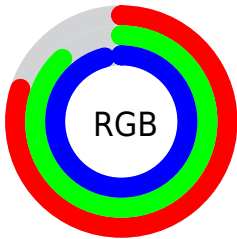
Format	Color
<b>RYB</b>	204, 218, 246
Decimal	13427190
CIELab	88.61, -2.71, -12.57
CIELCh	89, 12.854, 257.848
Yxy	73.3416, 0.2858, 0.3062
Android (android.graphics.Color)	4291617270 (0xFFCCE1F6)
YUV	221.1150, 12.2683, -15.0099
Hunter-Lab	85.6397, -7.1741, -7.7172

# Details

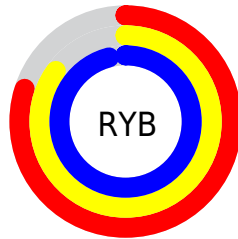
The Android color `4291617270` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `4294369740`, and the grayscale version is `4292730333`.

A 20% lighter version of the original color is `4294967295`, and `4287998654` is the 20% darker color. If you saturate the color by 10%, you get `4289975798`, and if you desaturate by 10%, it is `4293258742`.

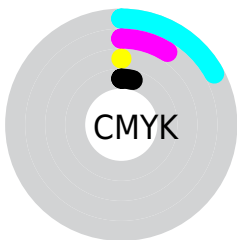
# Distribution



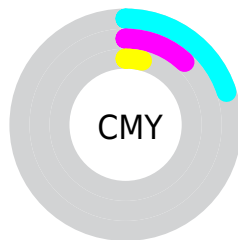
- Red (80%)
- Green (88%)
- Blue (96%)



- Red (80%)
- Yellow (85%)
- Blue (96%)



- Cyan (17%)
- Magenta (9%)
- Yellow (0%)
- Black (4%)



- Cyan (20%)
- Magenta (12%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291617270 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 4291617270 by changing the saturation by 10% instead.



■ 4291617270

4294967295

■ 4291617270

■ 4289775066

■ 4287998654

■ 4286287779

■ 4284642952

■ 4282998127

■ 4281484887

■ 4279971647

■ 4278459177

■ 4278190357

■ 4291617270

■ 4291617270

■ 4289975798

■ 4293258742

■ 4288399606

■ 4294834934

■ 4286758134

■ 4294967286

■ 4285182198

■ 4283540726

■ 4281898998

■ 4280323062

■ 4278681590

■ 4278221814

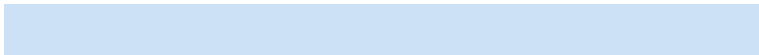
# Harmonies

## Analogous

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



4290962672



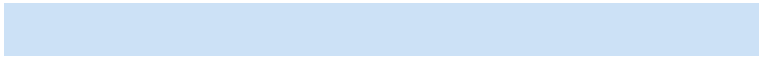
4291617270



4292599286

# Triad

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



4291617270



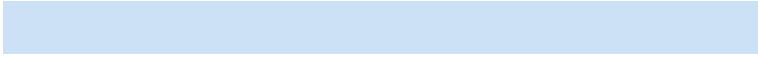
4294563543



4292010958

# Complementary

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



4291617270



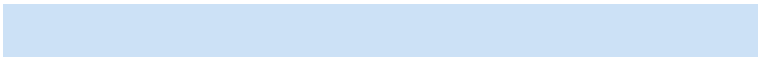
4294369740

# 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.



4292993223



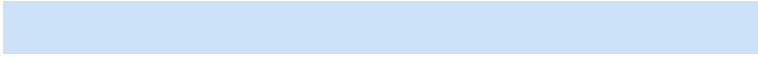
4291617270



4294367437

# Square

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



4291617270



4294301668



4293844167



4291225049

# Rectangle

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



4291617270



4293253874



4293844167



4292338379

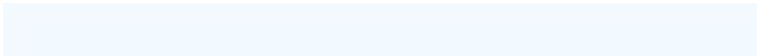


# Sweetspot

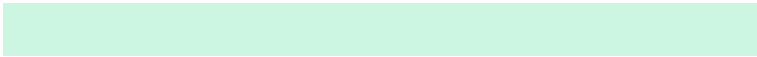
The Sweet Spot groups the original color and five complimentary colors.



4291617270



4294113791



4291622625



4286086272



4278190080

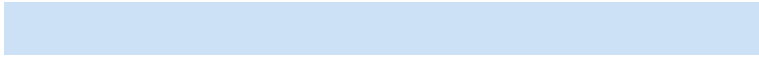


4286611584

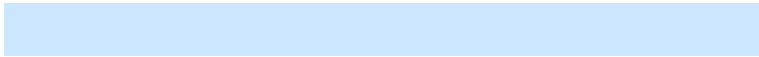


# Same Dimension

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



4291617270



4291618559



4291611894



4285428858



4278214074



4278197563



# Inverse Universe

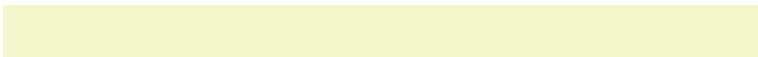
The Inverse Universe completely reimagines the original color for something new.



4294364385



4294954214



4294375116



4286213748



4290379869

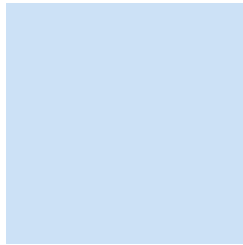


4282056733



# Previews

## White Background



This preview shows how the Android color 4291617270 looks on a white background.

## Color Contrast Check

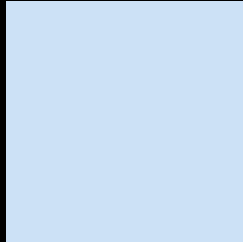
Large Text (above 18pt) WCAG AA × Fail

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 4291617270 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

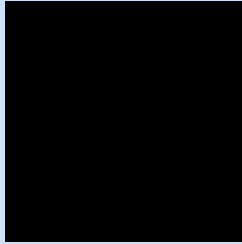
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

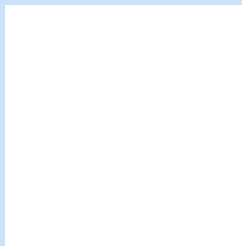
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Android 4291617270 Background



This preview shows how black text looks on a background with the Android color 4291617270.



This preview shows how white text looks on a background with the Android color 4291617270.

# 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](#).

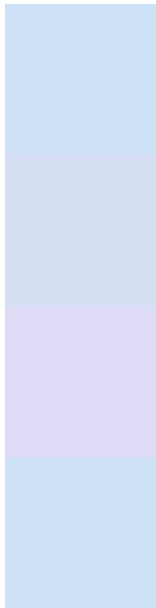
## Dichromacy





**Tritanopia**  
4291617267

# Trichromacy



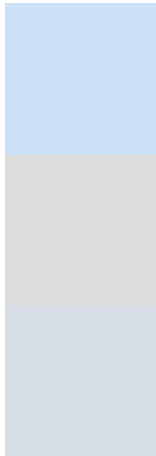
**Original Color**  
4291617270

**Protanomaly**  
4292271860

**Deuteranomaly**  
4292795383

**Tritanomaly**  
4291617268

# Monochromacy



**Original Color**  
4291617270

**Achromatopsia**  
4292730333

**Achromatomaly**  
4292337382

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291617270 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(204, 225, 246)` looks like.

```
.text, #text, p{  
    color:rgb(204, 225, 246)  
}
```

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(204, 225, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 225, 246) }
```

## Border

The CSS property to change the border of an element to Android 4291617270 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(204, 225, 246) }
```

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

```
.border{ border-color:rgb(204, 225, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 225, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 225, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 225, 246);  
box-shadow:4px 4px 4px 4px rgb(204, 225,  
246) }
```

# Background

The CSS property to change the background color of an element to Android 4291617270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 225, 246) }
```

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

```
.background{ background-color: rgb(204,  
225, 246) }
```

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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