

# Converting Colors

Android(4291288822)

Have a look what the booklet for  
Android(4291288822) contains.

<b>Android(4291288822)</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(4291288822)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C7DEF6
RGB	199, 222, 246
RGB Percent	78%, 87%, 96%
CMY	0.2196, 0.1294, 0.0353
CMYK	0.19, 0.10, 0.00, 0.04
HSL	211°, 72%, 87%
HSV	211°, 19%, 96%
XYZ	66.3090, 71.0385, 97.4057
YIQ	217.8590, -21.4120, 2.5880

# Conversions

## Conversions Part 2

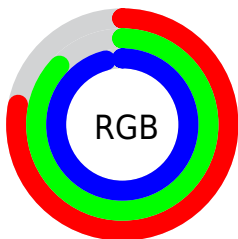
Format	Color
R <sub>Y</sub> B	199, 214, 246
Decimal	13098742
CIE Lab	87.50, -2.68, -14.26
CIE LCh	88, 14.506, 259.341
Yxy	71.0385, 0.2825, 0.3026
Android (android.graphics.Color)	4291288822 (0xFFC7DEF6)
YUV	217.8590, 13.8735, -16.5393
Hunter-Lab	84.2843, -7.0663, -9.5212

# Details

The Android color `4291288822` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `4294369223`, and the grayscale version is `4292532954`.

A 20% lighter version of the original color is `4294967295`, and `4287735742` is the 20% darker color. If you saturate the color by 10%, you get `4289647094`, and if you desaturate by 10%, it is `4292930550`.

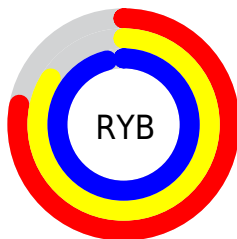
# Distribution



Red (78%)

Green (87%)

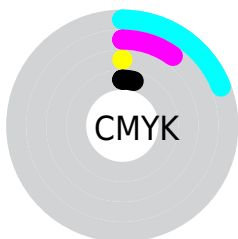
Blue (96%)



Red (78%)

Yellow (84%)

Blue (96%)

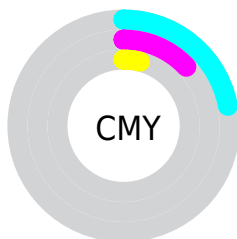


Cyan (19%)

Magenta (10%)

Yellow (0%)

Black (4%)



Cyan (22%)

Magenta (13%)

Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291288822 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 4291288822 by changing the saturation by 10% instead.



■ 4291288822

■ 4291288822

4294967295

■ 4289446618

■ 4287735742

■ 4285959587

■ 4284314504

■ 4282735471

■ 4281156439

■ 4279643455

■ 4278196521

■ 4278190357

■ 4291288822

■ 4291288822

■ 4289647094

■ 4292930550

■ 4288071158

■ 4294506486

■ 4286429430

■ 4294967286

■ 4284853494

■ 4283211766

■ 4281570294

■ 4279994102

■ 4278352630

■ 4278221046

# Harmonies

## Analogous

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



4290503408



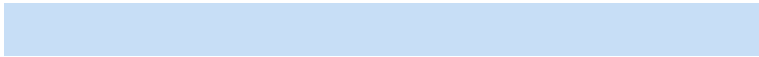
4291288822



4292401653

# Triad

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



4291288822



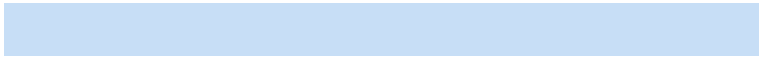
4294562515



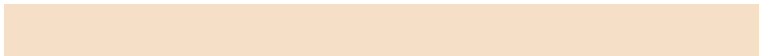
4291682761

# Complementary

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



4291288822



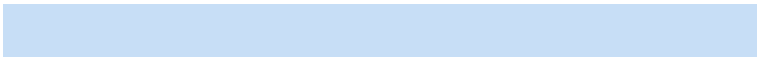
4294369223

# 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.



4292730305



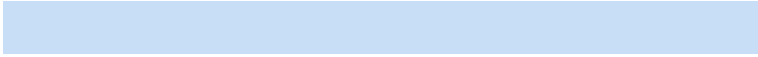
4291288822



4294366663

# Square

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



4291288822



4294300385



4293712321



4290831318

# Rectangle

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



4291288822



4293121777



4293712321



4292010182

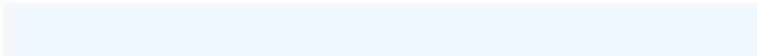


# Sweetspot

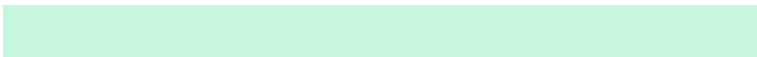
The Sweet Spot groups the original color and five complimentary colors.



4291288822



4293982207



4291294943



4286020480



4278190080



4286611584

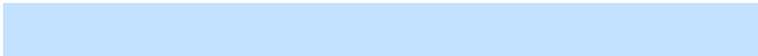


# Same Dimension

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



4291288822



4291092991



4291282934



4285428858



4278213562



4278197563



# Inverse Universe

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



4294363102



4294952161



4294375111



4286213748



4290379867

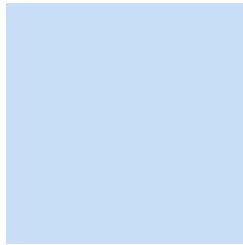


4282056733



# Previews

## White Background



This preview shows how the Android color 4291288822 looks on a white background.

## Color Contrast Check

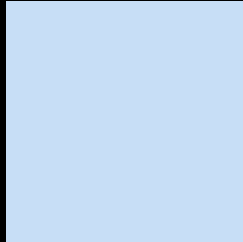
Large Text (above 18pt) WCAG AA × Fail

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 4291288822 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

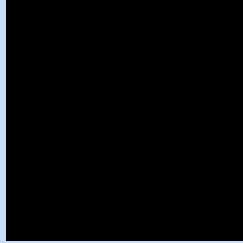
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

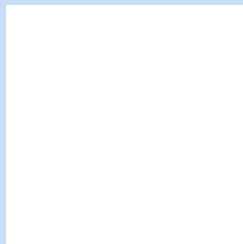
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4291288822 Background



This preview shows how black text looks on a background with the Android color 4291288822.



This preview shows how white text looks on a background with the Android color 4291288822.

# 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



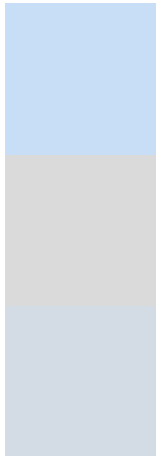
**Original Color**  
4291288822

**Protanomaly**  
4292008948

**Deuteranomaly**  
4292466935

**Tritanomaly**  
4291223539

# Monochromacy



**Original Color**  
4291288822

**Achromatopsia**  
4292532954

**Achromatomaly**  
4292074468

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291288822 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(199, 222, 246)` looks like.

```
.text, #text, p{  
    color:rgb(199, 222, 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(199, 222, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 222, 246) }
```

## Border

The CSS property to change the border of an element to Android 4291288822 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(199, 222, 246) }
```

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

```
.border{ border-color:rgb(199, 222, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 222, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 222, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 222, 246);  
box-shadow:4px 4px 4px 4px rgb(199, 222,  
246) }
```

# Background

The CSS property to change the background color of an element to Android 4291288822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 222, 246) }
```

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

```
.background{ background-color: rgb(199,  
222, 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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