

# Converting Colors

Android(4291352059)

Have a look what the booklet for  
Android(4291352059) contains.

<b>Android(4291352059)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Android(4291352059)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C8D5FB
RGB	200, 213, 251
RGB Percent	78%, 84%, 98%
CMY	0.2157, 0.1647, 0.0157
CMYK	0.20, 0.15, 0.00, 0.02
HSL	225°, 86%, 88%
HSV	225°, 20%, 98%
XYZ	65.0263, 66.8329, 100.7396
YIQ	213.4450, -19.9460, 9.0620

# Conversions

## Conversions Part 2

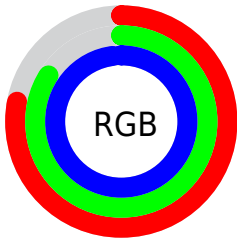
Format	Color
<a href="#">RYB</a>	<a href="#">200, 210, 251</a>
Decimal	<a href="#">13161979</a>
CIELab	<a href="#">85.42, 3.42, -20.02</a>
CIELCh	<a href="#">85, 20.313, 279.699</a>
Yxy	<a href="#">66.8329, 0.2796, 0.2873</a>
Android (android.graphics.Color)	<a href="#">4291352059 (0xFFC8D5FB)</a>
YUV	<a href="#">213.4450, 18.5146, -11.7913</a>
Hunter-Lab	<a href="#">81.7514, -1.0834, -15.8352</a>

# Details

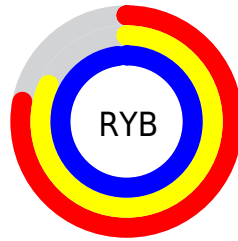
The Android color `4291352059` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `4294700744`, and the grayscale version is `4292203989`.

A 20% lighter version of the original color is `4294967295`, and `4287733442` is the 20% darker color. If you saturate the color by 10%, you get `4289708795`, and if you desaturate by 10%, it is `4292995323`.

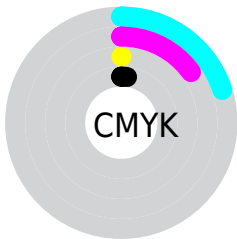
# Distribution



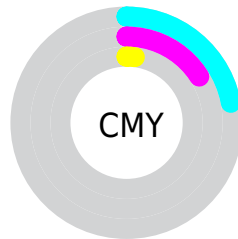
- Red (78%)
- Green (84%)
- Blue (98%)



- Red (78%)
- Yellow (82%)
- Blue (98%)



- Cyan (20%)
- Magenta (15%)
- Yellow (0%)
- Black (2%)




- Cyan (22%)
- Magenta (16%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291352059 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 4291352059 by changing the saturation by 10% instead.



 4291352059

 4291352059

4294967295

 4289509854

 4287733442

 4286022823

 4284377997

 4282733427

 4281154650

 4279576387

 4278194733

 4278190360

■ 4291352059

■ 4291352059

■ 4289708795

■ 4292995323

■ 4288065787

■ 4294638331

■ 4286422523

■ 4294967291

■ 4284779259

■ 4283070459

■ 4281427451

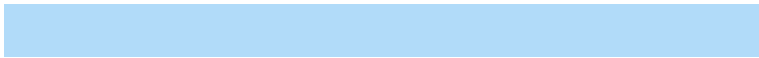
■ 4279784187

■ 4278206715

# Harmonies

## Analogous

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



4289846265



4291352059



4292988915

# Triad

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



4291352059



4294757054



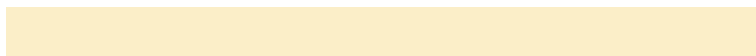
4289978568

# Complementary

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



4291352059



4294700744

# 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.



4291353784



4291352059



4294037682

# Square

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



4291352059



4294822096



4292794032



4289061339

# Rectangle

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



4291352059



4293839849



4292794032



4290437058



# Sweetspot

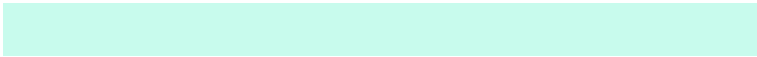
The Sweet Spot groups the original color and five complimentary colors.



4291352059



4293981439



4291361773



4286019968



4278190080



4286611584



# Same Dimension

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



4291352059



4290957823



4292135163



4285559933



4278202557



4278194237



# Inverse Universe

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



4294691029



4294951633



4293917640



4286410868



4290576432

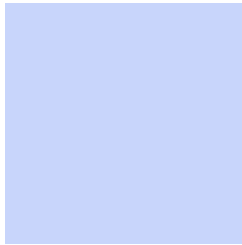


4282187792



# Previews

## White Background



This preview shows how the Android color 4291352059 looks on a white background.

## Color Contrast Check

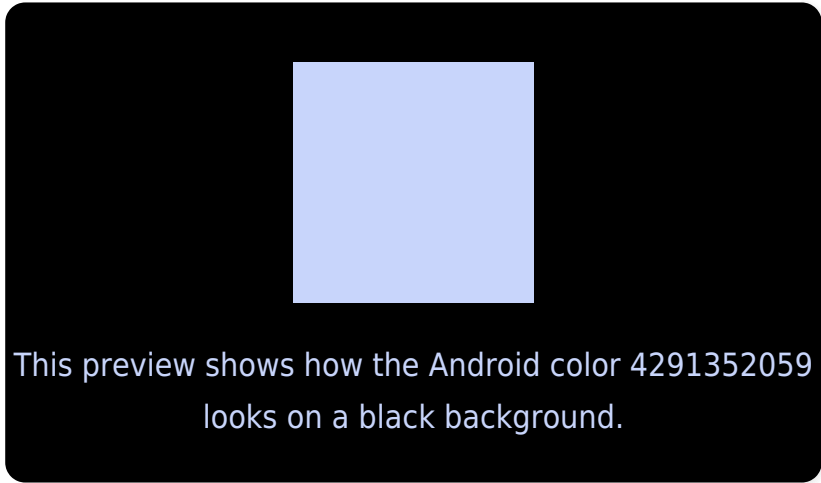
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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 4291352059 Background



This preview shows how black text looks on a background with the Android color 4291352059.

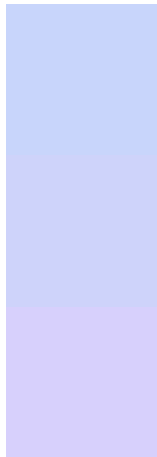


This preview shows how white text looks on a background with the Android color 4291352059.

# 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



**Original Color**  
4291352059

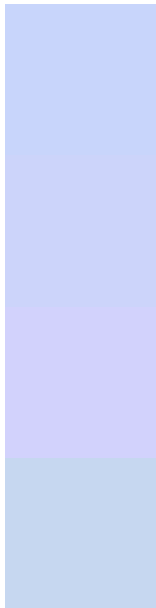
**Protanopia**  
4291744762

**Deuteranopia**  
4292333820



**Tritanopia**  
4291156201

# Trichromacy



**Original Color**  
4291352059

**Protanomaly**  
4291613946

**Deuteranomaly**  
4292006652

**Tritanomaly**  
4291221488

# Monochromacy



**Original Color**  
4291352059

**Achromatopsia**  
4292203989

**Achromatomaly**  
4291876323

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291352059 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(200, 213, 251)` looks like.

```
.text, #text, p{  
    color:rgb(200, 213, 251)  
}
```

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(200, 213, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 213, 251) }
```

## Border

The CSS property to change the border of an element to Android 4291352059 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(200, 213, 251) }
```

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

```
.border{ border-color:rgb(200, 213, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 213, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(200, 213, 251); -webkit-box-shadow:4px 4px 4px 4px rgb(200, 213, 251); box-shadow:4px 4px 4px 4px rgb(200, 213, 251) }
```

# Background

The CSS property to change the background color of an element to Android 4291352059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 213, 251) }
```

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

```
.background{ background-color: rgb(200,  
213, 251) }
```

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