

# Converting Colors

Android(4290039009)

Have a look what the booklet for  
Android(4290039009) contains.

<b>Android(4290039009)</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(4290039009)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B4CCE1
RGB	180, 204, 225
RGB Percent	71%, 80%, 88%
CMY	0.2941, 0.2000, 0.1176
CMYK	0.20, 0.09, 0.00, 0.12
HSL	208°, 43%, 79%
HSV	208°, 20%, 88%
XYZ	54.0059, 58.3253, 79.6457
YIQ	199.2180, -21.0450, 1.4430

# Conversions

## Conversions Part 2

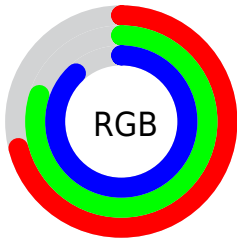
Format	Color
<a href="#">RYB</a>	<a href="#">180, 196, 225</a>
Decimal	<a href="#">11848929</a>
CIELab	<a href="#">80.92, -3.62, -13.10</a>
CIELCh	<a href="#">81, 13.594, 254.535</a>
Yxy	<a href="#">58.3253, 0.2813, 0.3038</a>
Android (android.graphics.Color)	<a href="#">4290039009</a> ( <a href="#">0xFFB4CCE1</a> )
YUV	<a href="#">199.2180, 12.7105, -16.8542</a>
Hunter-Lab	<a href="#">76.3710, -7.4227, -8.3726</a>

# Details

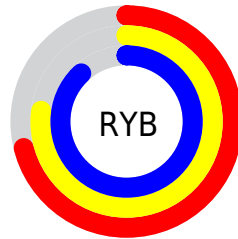
The Android color `4290039009` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `4292987316`, and the grayscale version is `4291282887`.

A 20% lighter version of the original color is `4293722111`, and `4286551722` is the 20% darker color. If you saturate the color by 10%, you get `4288594657`, and if you desaturate by 10%, it is `4291549153`.

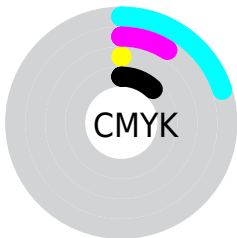
# Distribution



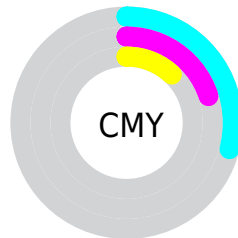
- Red (71%)
- Green (80%)
- Blue (88%)



- Red (71%)
- Yellow (77%)
- Blue (88%)



- Cyan (20%)
- Magenta (9%)
- Yellow (0%)
- Black (12%)



- Cyan (29%)
- Magenta (20%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4290039009 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 4290039009 by changing the saturation by 10% instead.



 4290039009

 4290039009

4294967295

 4288262597

 4293722111

 4286551722

 4284841103

 4283196278

 4281682781

 4280104261

 4278525999

 4278191899

 4278190080

■ 4290039009

■ 4290039009

■ 4288594657

■ 4291549153

■ 4287084513

■ 4292993505

■ 4285640161

■ 4294503393

■ 4284130017

■ 4294964961

■ 4282685665

■ 4294967265

■ 4281175521

■ 4279665633

■ 4278221025

# Harmonies

## Analogous

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



4289384410



4290039009



4291021025

# Triad

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



4290039009



4293181635



4290694839

# Complementary

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



4290039009



4292987316

# 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.



4291676848



4290039009



4293051064

# Square

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



4290039009



4292854224



4292527793



4289843394

# Rectangle

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



4290039009



4291741150



4292527793



4291022260



# Sweetspot

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



4290039009



4293982463



4290044361



4286020480



4278190080



4286611584

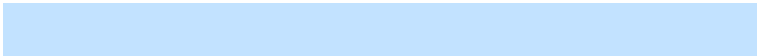


# Same Dimension

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



4290039009



4290962175



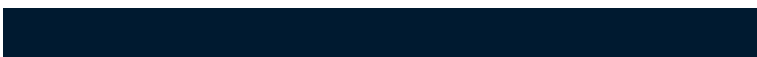
4290033377



4284836720



4278214320



4278196784



# Inverse Universe

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



4292981964



4294951650



4292993204



4285556075



4289724510

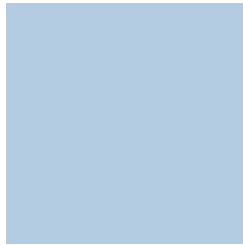


4281335834



# Previews

## White Background



This preview shows how the Android color 4290039009 looks on a white background.

## Color Contrast Check

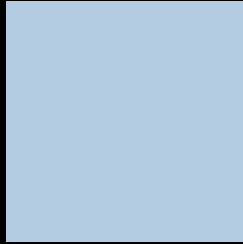
Large Text (above 18pt) WCAG AA × Fail

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 4290039009 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

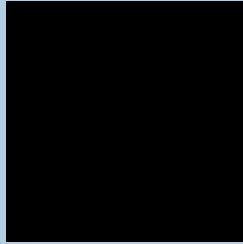
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

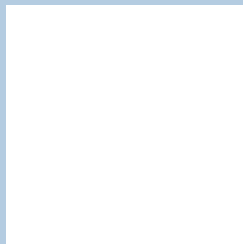
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4290039009 Background



This preview shows how black text looks on a background with the Android color 4290039009.



This preview shows how white text looks on a background with the Android color 4290039009.

# 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



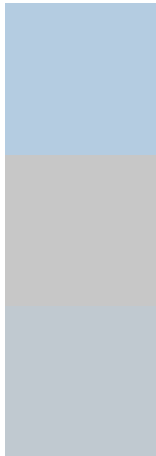
**Original Color**  
4290039009

**Protanomaly**  
4290759135

**Deuteranomaly**  
4291217122

**Tritanomaly**  
4289973726

# Monochromacy



**Original Color**  
4290039009

**Achromatopsia**  
4291282887

**Achromatomaly**  
4290824656

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4290039009 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(180, 204, 225)` looks like.

```
.text, #text, p{  
    color:rgb(180, 204, 225)  
}
```

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(180, 204, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 204, 225) }
```

## Border

The CSS property to change the border of an element to Android 4290039009 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(180, 204, 225) }
```

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

```
.border{ border-color:rgb(180, 204, 225) }
```

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

Here you see how a box with a 4 pixel rgb(180, 204, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 204, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 204, 225);  
box-shadow:4px 4px 4px 4px rgb(180, 204,  
225) }
```

# Background

The CSS property to change the background color of an element to Android 4290039009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 204, 225) }
```

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

```
.background{ background-color: rgb(180,  
204, 225) }
```

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