

# Converting Colors

Android(4289840102)

Have a look what the booklet for  
Android(4289840102) contains.

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# **Color**

**Android(4289840102)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B1C3E6
RGB	177, 195, 230
RGB Percent	69%, 76%, 90%
CMY	0.3059, 0.2353, 0.0980
CMYK	0.23, 0.15, 0.00, 0.10
HSL	220°, 51%, 80%
HSV	220°, 23%, 90%
XYZ	51.9295, 54.0905, 82.5664
YIQ	193.6080, -21.9630, 7.0690

# Conversions

## Conversions Part 2

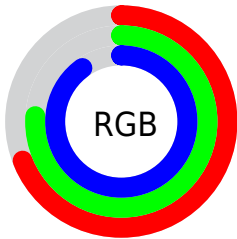
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">177, 190, 230</a>
Decimal	<a href="#">11650022</a>
CIELab	<a href="#">78.51, 1.36, -19.42</a>
CIElCh	<a href="#">79, 19.472, 274.017</a>
Yxy	<a href="#">54.0905, 0.2754, 0.2868</a>
Android (android.graphics.Color)	<a href="#">4289840102</a> ( <a href="#">0xFFB1C3E6</a> )
YUV	<a href="#">193.6080, 17.9413, -14.5652</a>
Hunter-Lab	<a href="#">73.5462, -2.6707, -15.0794</a>

# Details

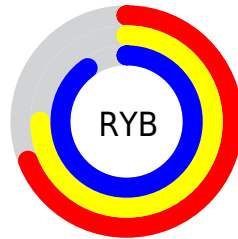
The Android color `4289840102` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `4293317809`, and the grayscale version is `4290888129`.

A 20% lighter version of the original color is `4293524479`, and `4286352814` is the 20% darker color. If you saturate the color by 10%, you get `4288328934`, and if you desaturate by 10%, it is `4291351270`.

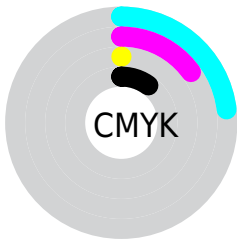
# Distribution



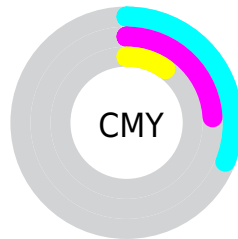
- Red (69%)
- Green (76%)
- Blue (90%)



- Red (69%)
- Yellow (75%)
- Blue (90%)



- Cyan (23%)
- Magenta (15%)
- Yellow (0%)
- Black (10%)



- Cyan (31%)
- Magenta (24%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4289840102 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 4289840102 by changing the saturation by 10% instead.



 4289840102

 4289840102

4294967295

 4288063690

 4293524479

 4286352814

 4284642452

 4282997626

 4281418849

 4279840329

 4278196530


 4278190622

 4278190080

 4289840102

 4289840102

 4288328934

 4291351270

 4286817766

 4292862438

 4285306342

 4294373862

 4283795174

 4294967270

 4282284006

 4280772838

 4279261670

 4278210278

# Harmonies

## Analogous

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



4288465122



4289840102



4291411424

# Triad

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



4289840102



4293375919



4289121202

# Complementary

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



4289840102



4293317809

# 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.



4290430884



4289840102



4292787362

# Square

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



4289840102



4293375680



4291740318



4288073156

# Rectangle

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



4289840102



4292262360



4291740318



4289514157

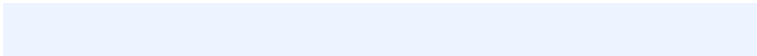


# Sweetspot

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



4289840102



4293784575



4289849043



4285888896



4278190080



4286611584



# Same Dimension

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



4289840102



4290302207



4290359782



4284967795



4278205875



4278194483



# Inverse Universe

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



4293308867



4294949072



4292798129



4285753195



4289921085

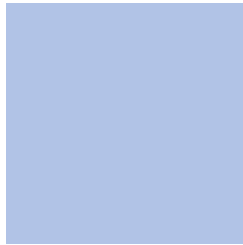


4281532433



# Previews

## White Background



This preview shows how the Android color 4289840102 looks on a white background.

## Color Contrast Check

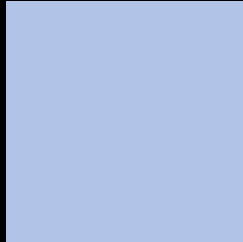
Large Text (above 18pt) WCAG AA × Fail

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 4289840102 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

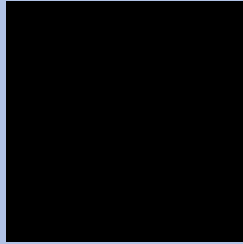
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4289840102 Background



This preview shows how black text looks on a background with the Android color 4289840102.



This preview shows how white text looks on a background with the Android color 4289840102.

# 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**  
4289840102

**Protanopia**  
4290494692

**Deuteranopia**  
4291018471



# Trichromacy



**Original Color**  
4289840102

**Protanomaly**  
4290232805

**Deuteranomaly**  
4290560231

**Tritanomaly**  
4289709532

# Monochromacy



**Original Color**  
4289840102

**Achromatopsia**  
4290953922

**Achromatomaly**  
4290560719

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4289840102 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(177, 195, 230)` looks like.

```
.text, #text, p{  
    color:rgb(177, 195, 230)  
}
```

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(177, 195, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 195, 230) }
```

## Border

The CSS property to change the border of an element to Android 4289840102 is called "border". The border property can be set on classes, ids or directly on the HTML element.

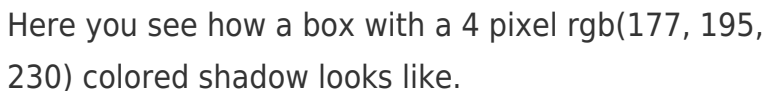
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(177, 195, 230) }
```

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

```
.border{ border-color:rgb(177, 195, 230) }
```

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



Here you see how a box with a 4 pixel `rgb(177, 195, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(177, 195, 230); -webkit-box-shadow:4px 4px 4px 4px rgb(177, 195, 230); box-shadow:4px 4px 4px 4px rgb(177, 195, 230) }
```

# Background

The CSS property to change the background color of an element to Android 4289840102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 195, 230) }
```

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

```
.background{ background-color: rgb(177,  
195, 230) }
```

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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