

# Converting Colors

Android(4289777630)

Have a look what the booklet for  
Android(4289777630) contains.

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# Color

**Android(4289777630)**

# Conversions

Conversions Part 1	
Format	Color
Hex	B0CFDE
RGB	176, 207, 222
RGB Percent	69%, 81%, 87%
CMY	0.3098, 0.1882, 0.1294
CMYK	0.21, 0.07, 0.00, 0.13
HSL	200°, 41%, 78%
HSV	200°, 21%, 87%
XYZ	53.4021, 59.1297, 77.7058
YIQ	199.4410, -23.2910, -1.9070

# Conversions

## Conversions Part 2

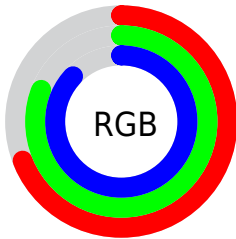
Format	Color
<a href="#">RYB</a>	<a href="#">176, 195, 222</a>
Decimal	<a href="#">11587550</a>
CIELab	<a href="#">81.36, -7.09, -10.86</a>
CIELCh	<a href="#">81, 12.969, 236.882</a>
Yxy	<a href="#">59.1297, 0.2807, 0.3108</a>
Android (android.graphics.Color)	<a href="#">4289777630</a> (0xFFB0CFDE)
YUV	<a href="#">199.4410, 11.1216, -20.5578</a>
Hunter-Lab	<a href="#">76.8958, -10.6041, -6.0875</a>

# Details

The Android color `4289777630` is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be `4292788144`, and the grayscale version is `4291282887`.

A 20% lighter version of the original color is `4293459967`, and `4286290343` is the 20% darker color. If you saturate the color by 10%, you get `4288334046`, and if you desaturate by 10%, it is `4291221214`.

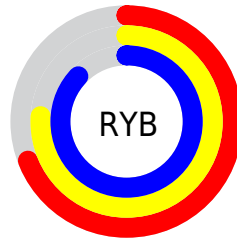
# Distribution



Red (69%)

Green (81%)

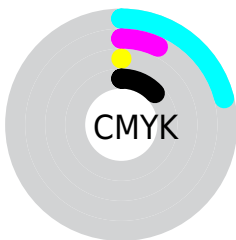
Blue (87%)



Red (69%)

Yellow (76%)

Blue (87%)

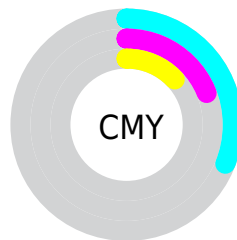


Cyan (21%)

Magenta (7%)

Yellow (0%)

Black (13%)



Cyan (31%)

Magenta (19%)

Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4289777630 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 4289777630 by changing the saturation by 10% instead.



 4289777630

 4289777630

4294967295

 4288000962

 4293459967

 4286290343

 4284579725

 4283000435


 4281421402

 4279842627

 4278198829

 4278192921

 4278190080

 4289777630	 4289777630
 4288334046	 4291221214
 4286890462	 4292664798
 4285381086	 4294174174
 4283937502	 4294962398
 4282493918	 4294964190
 4281050334	 4294965982
 4279606494	 4294967262
 4278228702	

# Harmonies

## Analogous

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



4289515989



4289777630



4290563298

# Triad

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



4289777630



4293051084



4291349940

# Complementary

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



4289777630



4292788144

# 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.



4292266418



4289777630



4293182144

# Square

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



4289777630



4292461784



4292920758



4290433213

# Rectangle

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



4289777630



4291217889



4292920758



4291677107

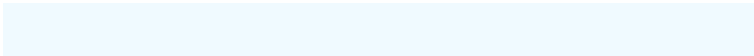


# Sweetspot

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



4289777630



4293982975



4289781439



4286020992



4278190080



4286611584

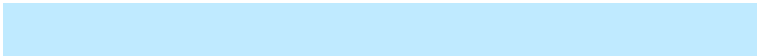


# Same Dimension

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



4289777630



4290767615



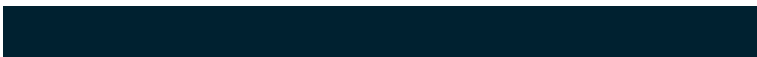
4289771742



4284837232



4278220720



4278198576



# Inverse Universe

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



4292784335



4294950890



4292794032



4285556077



4289724535

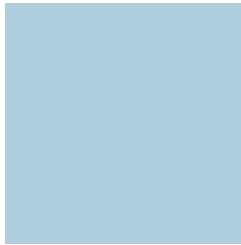


4281335841



# Previews

## White Background



This preview shows how the Android color 4289777630 looks on a white background.

## Color Contrast Check

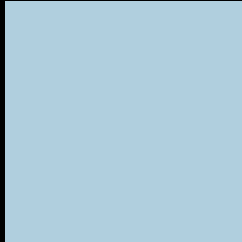
Large Text (above 18pt) WCAG AA × Fail

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 4289777630 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

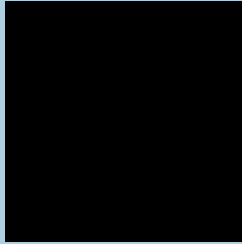
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4289777630 Background



This preview shows how black text looks on a background with the Android color 4289777630.

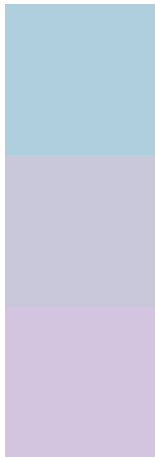


This preview shows how white text looks on a background with the Android color 4289777630.

# 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**

4289777630

**Protanopia**

4291414234

**Deuteranopia**

4292068576



**Tritanopia**  
4289777631

# Trichromacy

	<b>Original Color</b> 4289777630
	<b>Protanomaly</b> 4290825179
	<b>Deuteranomaly</b> 4291217631
	<b>Tritanomaly</b> 4289777631

# Monochromacy

	<b>Original Color</b> 4289777630
	<b>Achromatopsia</b> 4291282887
	<b>Achromatomaly</b> 4290759375

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4289777630 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(176, 207, 222) looks like.

```
.text, #text, p{  
    color:rgb(176, 207, 222)  
}
```

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(176, 207, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 207, 222) }
```

## Border

The CSS property to change the border of an element to Android 4289777630 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(176, 207, 222) }
```

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

```
.border{ border-color:rgb(176, 207, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 207, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 207, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 207, 222);  
box-shadow:4px 4px 4px 4px rgb(176, 207,  
222) }
```

# Background

The CSS property to change the background color of an element to Android 4289777630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 207, 222) }
```

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

```
.background{ background-color: rgb(176,  
207, 222) }
```

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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