

# Converting Colors

Android(4284198630)

Have a look what the booklet for  
Android(4284198630) contains.

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# **Color**

**Android(4284198630)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5BAEE6
RGB	91, 174, 230
RGB Percent	36%, 68%, 90%
CMY	0.6431, 0.3176, 0.0980
CMYK	0.60, 0.24, 0.00, 0.10
HSL	204°, 74%, 63%
HSV	204°, 60%, 90%
XYZ	33.7334, 38.2094, 80.4601
YIQ	155.5670, -67.4440, -0.1800

# Conversions

## Conversions Part 2

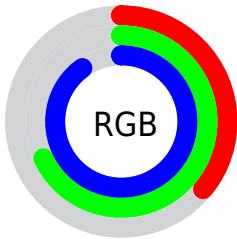
Format	Color
R <sub>Y</sub> B	91, 143, 230
Decimal	6008550
CIE Lab	68.17, -8.82, -35.69
CIE LCh	68, 36.760, 256.124
Yxy	38.2094, 0.2213, 0.2507
Android (android.graphics.Color)	4284198630 (0xFF5BAEE6)
YUV	155.5670, 36.6955, -56.6253
Hunter-Lab	61.8138, -10.7621, -33.9054

# Details

The Android color `4284198630` is a light color, and the websafe version is hex `3399CC`. The color can be described as light muted azure. A complement of this color would be `4293301083`, and the grayscale version is `4288387995`.

A 20% lighter version of the original color is `4288144895`, and `4278287022` is the 20% darker color. If you saturate the color by 10%, you get `4282688998`, and if you desaturate by 10%, it is `4285708262`.

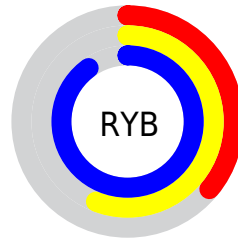
# Distribution



Red (36%)

Green (68%)

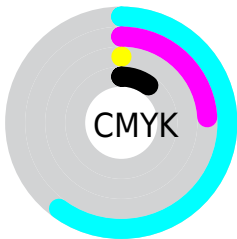
Blue (90%)



Red (36%)

Yellow (56%)

Blue (90%)

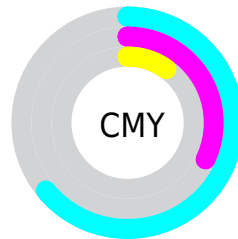


Cyan (60%)

Magenta (24%)

Yellow (0%)

Black (10%)



Cyan (64%)

Magenta (32%)
















Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284198630 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 4284198630 by changing the saturation by 10% instead.



 4284198630	 4284198630
4294967295	 4281963466
 4288144895	 4278287022
 4290117631	 4278215059
 4292083711	 4278208889
 4294049791	 4278203232
	 4278198088
	 4278191153
	 4278190364
	 4278190080

■ 4284198630

■ 4284198630

■ 4282688998

■ 4285708262

■ 4281179110

■ 4287218150

■ 4279669478

■ 4288727782

■ 4278225382

■ 4290237414

■ 4291747046

■ 4293256934

■ 4294766566

■ 4294965478

■ 4294967270

# Harmonies

## Analogous

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



4280399317



4284198630



4287865830

# Triad

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



4284198630



4293365141



4286952055

# Complementary

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



4284198630



4293301083

# 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.



4289374821



4284198630



4292908152

# Square

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



4284198630



4292710071



4291469158



4284135317

# Rectangle

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



4284198630



4289960924



4291469158



4287803503

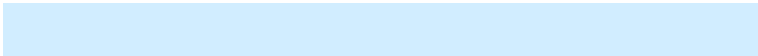


# Sweetspot

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



4284198630



4291948031



4284212883



4284707968



4278190080



4286611584



# Same Dimension

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



4284198630



4282758399



4284180966



4284968563



4278217651



4278197811



# Inverse Universe

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



4293286830



4294919604



4293318747



4285753198



4289921131

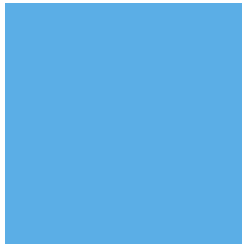


4281532446



# Previews

## White Background



This preview shows how the Android color 4284198630 looks on a white background.

## Color Contrast Check

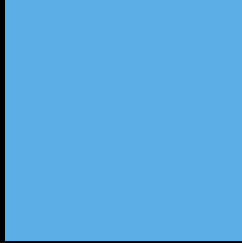
Large Text (above 18pt) WCAG AA × Fail

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 4284198630 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

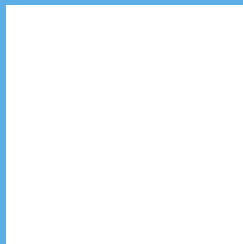
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4284198630 Background



This preview shows how black text looks on a background with the Android color 4284198630.



This preview shows how white text looks on a background with the Android color 4284198630.

# 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



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284198630 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(91, 174, 230)` looks like.

```
.text, #text, p{  
    color:rgb(91, 174, 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(91, 174, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 174, 230) }
```

## Border

The CSS property to change the border of an element to Android 4284198630 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(91, 174, 230) }
```

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

```
.border{ border-color:rgb(91, 174, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 174, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 174, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 174, 230);  
box-shadow:4px 4px 4px 4px rgb(91, 174,  
230) }
```

# Background

The CSS property to change the background color of an element to Android 4284198630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 174, 230) }
```

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

```
.background{ background-color: rgb(91, 174,  
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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