

# Converting Colors

Android(4283869386)

Have a look what the booklet for  
Android(4283869386) contains.

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# **Color**

**Android(4283869386)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	56A8CA
RGB	86, 168, 202
RGB Percent	34%, 66%, 79%
CMY	0.6627, 0.3412, 0.2078
CMYK	0.57, 0.17, 0.00, 0.21
HSL	198°, 52%, 56%
HSV	198°, 57%, 79%
XYZ	28.5011, 34.2480, 60.9855
YIQ	147.3580, -59.7860, -6.8100

# Conversions

## Conversions Part 2

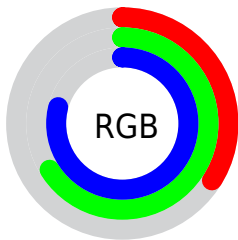
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	86, 134, 202
Decimal	5679306
CIE <sub>Lab</sub>	65.16, -15.16, -24.93
CIE <sub>LCh</sub>	65, 29.178, 238.702
Yxy	34.2480, 0.2303, 0.2768
Android (android.graphics.Color)	4283869386 (0xFF56A8CA)
YUV	147.3580, 26.9385, -53.8110
Hunter-Lab	58.5218, -15.4807, -20.8208

# Details

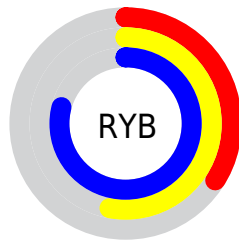
The Android color `4283869386` is a light color, and the websafe version is hex `3399CC`. The color can be described as light muted azure. A complement of this color would be `4291459158`, and the grayscale version is `4287861651`.

A 20% lighter version of the original color is `4287684607`, and `4278678676` is the 20% darker color. If you saturate the color by 10%, you get `4282557130`, and if you desaturate by 10%, it is `4285181642`.

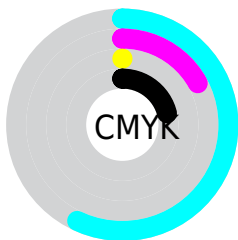
# Distribution



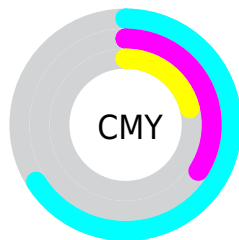
- Red (34%)
- Green (66%)
- Blue (79%)



- Red (34%)
- Yellow (53%)
- Blue (79%)



- Cyan (57%)
- Magenta (17%)
- Yellow (0%)
- Black (21%)



- Cyan (66%)
- Magenta (34%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283869386 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 4283869386 by changing the saturation by 10% instead.





4283869386



4283869386

4294967295



4281831087



4287684607



4278678676



4289592575



4278213498



4291493887



4278207585



4293459967



4278201673



4278196786



4278190621



4278190080



4283869386



4283869386

■ 4282557130

■ 4285181642

■ 4281244874

■ 4286493898

■ 4279867082

■ 4287871690

■ 4278554826

■ 4289183946

■ 4278226890

■ 4290496202

■ 4291808458

■ 4293120458

■ 4294498250

■ 4294958538

# Harmonies

## Analogous

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



4283018422



4283869386



4286226898

# Triad

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



4283869386



4291791776



4288062576

# Complementary

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



4283869386



4291459158

# 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.



4289829994



4283869386



4291988614

# Square

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



4283869386



4290678714



4291269490



4286098050

# Rectangle

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



4283869386



4287929295



4291269490



4288717420

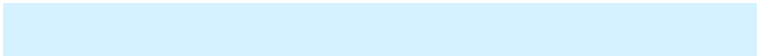


# Sweetspot

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



4283869386



4292145919



4283878007



4284905600



4278190080



4286611584



# Same Dimension

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



4283869386



4283419647



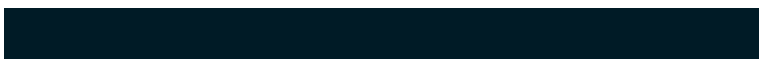
4283854794



4284244838



4278220198



4278197030



# Inverse Universe

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



4291450536



4294922187



4291473750



4284898403



4289069173



4280680475



# Previews

## White Background



This preview shows how the Android color 4283869386 looks on a white background.

## Color Contrast Check

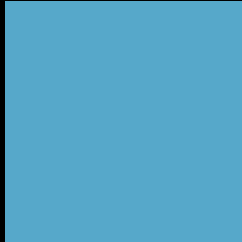
Large Text (above 18pt) WCAG AA × Fail

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 4283869386 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 4283869386 Background



This preview shows how black text looks on a background with the Android color 4283869386.



This preview shows how white text looks on a background with the Android color 4283869386.

# 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**  
4283869386

**Protanomaly**  
4286488772

**Deuteranomaly**  
4286423244

**Tritanomaly**  
4283607743

# Monochromacy



**Original Color**  
4283869386

**Achromatopsia**  
4287861651

**Achromatomaly**  
4286421927

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283869386 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(86, 168, 202)` looks like.

```
.text, #text, p{  
    color:rgb(86, 168, 202)  
}
```

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(86, 168, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 168, 202) }
```

## Border

The CSS property to change the border of an element to Android 4283869386 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(86, 168, 202) }
```

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

```
.border{ border-color:rgb(86, 168, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 168, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 168, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 168, 202);  
box-shadow:4px 4px 4px 4px rgb(86, 168,  
202) }
```

# Background

The CSS property to change the background color of an element to Android 4283869386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 168, 202) }
```

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

```
.background{ background-color: rgb(86, 168,  
202) }
```

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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