

# Converting Colors

Android(4283804103)

Have a look what the booklet for  
Android(4283804103) contains.

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# **Color**

**Android(4283804103)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	55A9C7
RGB	85, 169, 199
RGB Percent	33%, 66%, 78%
CMY	0.6667, 0.3373, 0.2196
CMYK	0.57, 0.15, 0.00, 0.22
HSL	196°, 50%, 56%
HSV	196°, 57%, 78%
XYZ	28.2431, 34.4308, 59.1901
YIQ	147.3040, -59.6940, -8.4780

# Conversions

## Conversions Part 2

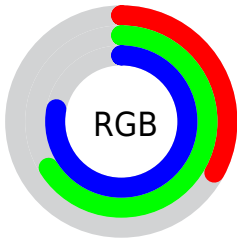
Format	Color
R <sub>Y</sub> B	85, 133, 199
Decimal	5614023
CIE Lab	65.30, -16.79, -23.05
CIE LCh	65, 28.517, 233.927
Yxy	34.4308, 0.2318, 0.2825
Android (android.graphics.Color)	4283804103 (0xFF55A9C7)
YUV	147.3040, 25.4861, -54.6406
Hunter-Lab	58.6777, -16.7694, -18.7333

# Details

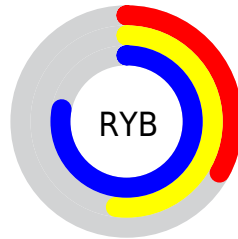
The Android color `4283804103` is a light color, and the websafe version is hex `3399CC`. The color can be described as light muted azure. A complement of this color would be `4291261269`, and the grayscale version is `4287861651`.

A 20% lighter version of the original color is `4287619327`, and `4278547857` is the 20% darker color. If you saturate the color by 10%, you get `4282492103`, and if you desaturate by 10%, it is `4285116103`.

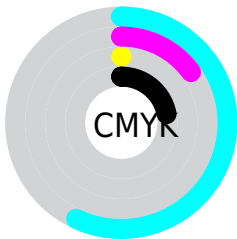
# Distribution



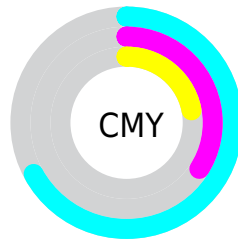
- Red (33%)
- Green (66%)
- Blue (78%)



- Red (33%)
- Yellow (52%)
- Blue (78%)



- Cyan (57%)
- Magenta (15%)
- Yellow (0%)
- Black (22%)



- Cyan (67%)
- Magenta (34%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283804103 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 4283804103 by changing the saturation by 10% instead.



 4283804103

 4283804103

4294967295


 4281700012

 4287619327

 4278547857

 4289527295

 4278213751

 4291428351

 4278207582

 4293394431

 4278201927

 4278197040

 4278190363

 4278190080

 4283804103

 4283804103

■ 4282492103

■ 4285116103

■ 4281180103

■ 4286428103

■ 4279867847

■ 4287740359

■ 4278555847

■ 4289052359

■ 4278227911

■ 4290364359

■ 4291610823

■ 4292923079

■ 4294235079

■ 4294957255

# Harmonies

## Analogous

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



4283280562



4283804103



4285899729

# Triad

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



4283804103



4291660965



4288389999

# Complementary

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



4283804103



4291261269

# 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.



4290091884



4283804103



4291988875

# Square

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



4283804103



4290417085



4291400566



4286491008

# Rectangle

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



4283804103



4287602128



4291400566



4288979309

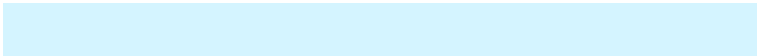


# Sweetspot

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



4283804103



4292146431



4283811698



4284905856



4278190080



4286611584



# Same Dimension

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



4283804103



4283421183



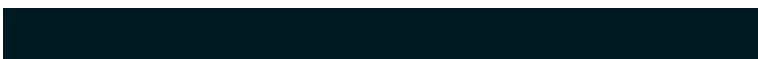
4283790023



4284113251



4278220963



4278196772



# Inverse Universe

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



4291253673



4294922193



4291275605



4284701281



4288872568



4280549402



# Previews

## White Background



This preview shows how the Android color 4283804103 looks on a white background.

## Color Contrast Check

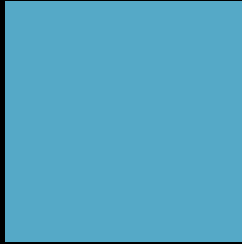
Large Text (above 18pt) WCAG AA × Fail

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 4283804103 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 4283804103 Background



This preview shows how black text looks on a background with the Android color 4283804103.



This preview shows how white text looks on a background with the Android color 4283804103.

# 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**  
4283804103

**Protanomaly**  
4286489025

**Deuteranomaly**  
4286488777

**Tritanomaly**  
4283542206

# Monochromacy



**Original Color**  
4283804103

**Achromatopsia**  
4287861651

**Achromatomaly**  
4286356390

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283804103 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(85, 169, 199)` looks like.

```
.text, #text, p{  
    color:rgb(85, 169, 199)  
}
```

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(85, 169, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 169, 199) }
```

## Border

The CSS property to change the border of an element to Android 4283804103 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(85, 169, 199) }
```

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

```
.border{ border-color:rgb(85, 169, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 169, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 169, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 169, 199);  
box-shadow:4px 4px 4px 4px rgb(85, 169,  
199) }
```

# Background

The CSS property to change the background color of an element to Android 4283804103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 169, 199) }
```

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

```
.background{ background-color: rgb(85, 169,  
199) }
```

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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