

Converting Colors

Android(4283738079)

Have a look what the booklet for
Android(4283738079) contains.

Android(4283738079)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4283738079)

Conversions

Conversions Part 1

Format	Color
Hex	54A7DF
RGB	84, 167, 223
RGB Percent	33%, 65%, 87%
CMY	0.6706, 0.3451, 0.1255
CMYK	0.62, 0.25, 0.00, 0.13
HSL	204°, 68%, 60%
HSV	204°, 62%, 87%
XYZ	30.7942, 34.8500, 74.9157
YIQ	148.5670, -67.4440, -0.1800

Conversions

Conversions Part 2

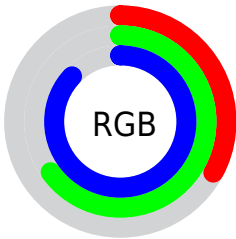
Format	Color
R _Y B	84, 136, 223
Decimal	5547999
CIE Lab	65.63, -8.45, -35.82
CIE LCh	66, 36.803, 256.726
Yxy	34.8500, 0.2191, 0.2479
Android (android.graphics.Color)	4283738079 (0xFF54A7DF)
YUV	148.5670, 36.6955, -56.6253
Hunter-Lab	59.0339, -10.1973, -33.9171

Details

The Android color `4283738079` 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 `4292840532`, and the grayscale version is `4287927444`.

A 20% lighter version of the original color is `4287749887`, and `4278219688` is the 20% darker color. If you saturate the color by 10%, you get `4282293983`, and if you desaturate by 10%, it is `4285182175`.

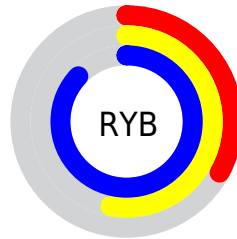
Distribution



Red (33%)

Green (65%)

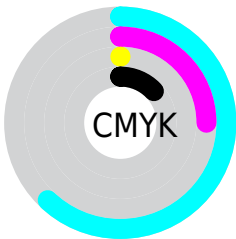
Blue (87%)



Red (33%)

Yellow (53%)

Blue (87%)

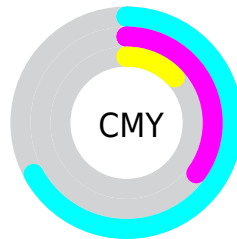


Cyan (62%)

Magenta (25%)

Yellow (0%)

Black (13%)



Cyan (67%)
















Magenta (35%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283738079 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 4283738079 by changing the saturation by 10% instead.

 4283738079	 4283738079
4294967295	 4281437635
 4287749887	 4278219688
 4289657855	 4278213517
 4291624959	 4278207347
 4293591039	 4278201946
	 4278196802
	 4278190892
	 4278190358
	 4278190080

■ 4283738079

■ 4283738079

■ 4282293983

■ 4285182175

■ 4280784351

■ 4286691807

■ 4279340255

■ 4288135903

■ 4278224351

■ 4289579999

■ 4291024095

■ 4292533727

■ 4293977823

■ 4294963167

■ 4294965471

Harmonies

Analogous

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



4279021262



4283738079



4287470814

Triad

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



4283738079



4292904590



4286425969

Complementary

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



4283738079



4292840532

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.



4288914271



4283738079



4292382065

Square

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



4283738079



4292249519



4290943071



4283609231

Rectangle

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



4283738079



4289565908



4290943071



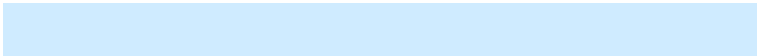
4287277417

Sweetspot

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



4283738079



4291816447



4283752332



4284642432



4278190080



4286611584

Same Dimension

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



4283738079



4282430207



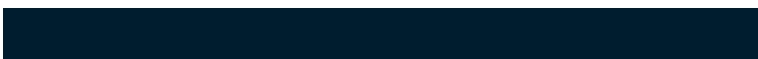
4283720415



4284836976



4278217136



4278197552

Inverse Universe

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



4292826279



4294918322



4292858196



4285556076



4289724521



4281335837

Previews

White Background



This preview shows how the Android color 4283738079 looks on a white background.

Color Contrast Check

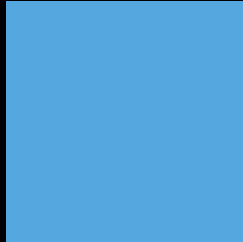
Large Text (above 18pt) WCAG AA × Fail

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 4283738079 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 4283738079 Background



This preview shows how black text looks on a background with the Android color 4283738079.



This preview shows how white text looks on a background with the Android color 4283738079.

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
4283738079

Protanomaly
4286161114

Deuteranomaly
4285833696

Tritanomaly
4283018185

Monochromacy



Original Color
4283738079

Achromatopsia
4287993237

Achromatomaly
4286422192

CSS Examples

Text

The CSS property to change the color of the text to Android 4283738079 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(84, 167, 223)` looks like.

```
.text, #text, p{  
    color:rgb(84, 167, 223)  
}
```

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(84, 167, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 167, 223) }
```

Border

The CSS property to change the border of an element to Android 4283738079 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(84, 167, 223) }
```

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

```
.border{ border-color:rgb(84, 167, 223) }
```

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

Here you see how a box with a 4 pixel rgb(84, 167, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 167, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 167, 223);  
box-shadow:4px 4px 4px 4px rgb(84, 167,  
223) }
```

Background

The CSS property to change the background color of an element to Android 4283738079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 167, 223) }
```

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

```
.background{ background-color: rgb(84, 167,  
223) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor