

Converting Colors

Android(4283748071)

Have a look what the booklet for
Android(4283748071) contains.

Android(4283748071)	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(4283748071)

Conversions

Conversions Part 1

Format	Color
Hex	54CEE7
RGB	84, 206, 231
RGB Percent	33%, 81%, 91%
CMY	0.6706, 0.1922, 0.0941
CMYK	0.64, 0.11, 0.00, 0.09
HSL	190°, 75%, 62%
HSV	190°, 64%, 91%
XYZ	40.1513, 51.7970, 83.4829
YIQ	172.3720, -80.7370, -18.0890

Conversions

Conversions Part 2

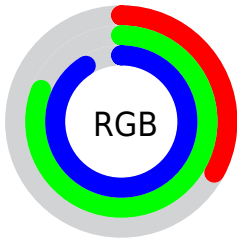
Format	Color
RYB	84, 151, 231
Decimal	5557991
CIELab	77.16, -26.38, -22.43
CIELCh	77, 34.631, 220.375
Yxy	51.7970, 0.2289, 0.2953
Android (android.graphics.Color)	4283748071 (0xFF54CEE7)
YUV	172.3720, 28.9036, -77.5022
Hunter-Lab	71.9701, -26.3646, -18.3954

Details

The Android color `4283748071` is a light color, and the websafe version is hex `66CCCC`. The color can be described as light muted cyan. A complement of this color would be `4293356884`, and the grayscale version is `4289506476`.

A 20% lighter version of the original color is `4287954943`, and `4278228911` is the 20% darker color. If you saturate the color by 10%, you get `4282239719`, and if you desaturate by 10%, it is `4285256423`.

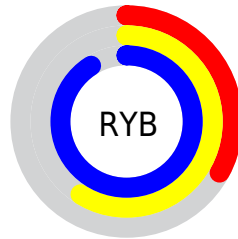
Distribution



Red (33%)

Green (81%)

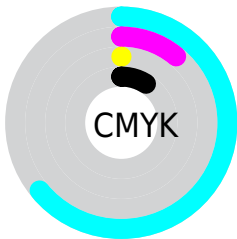
Blue (91%)



Red (33%)

Yellow (59%)

Blue (91%)

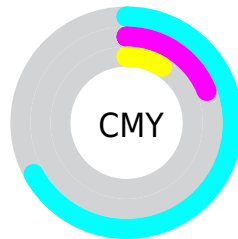


Cyan (64%)

Magenta (11%)

Yellow (0%)

Black (9%)



Cyan (67%)

Magenta (19%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283748071 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 4283748071 by changing the saturation by 10% instead.



4283748071



4283748071

4294967295



4281184971



4287954943



4278228911



4289921023



4278222229



4291952639



4278215803



4293918719



4278209634



4278203722



4278198579



4278190622



4278190081

■ 4283748071

■ 4283748071

■ 4282239719

■ 4285256423

■ 4280731367

■ 4286764775

■ 4279223015

■ 4288273127

■ 4278239463

■ 4289781479

■ 4291355367

■ 4292863719

■ 4294372071

■ 4294962663

■ 4294963687

Harmonies

Analogous

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



4284403913



4283748071



4285843706

Triad

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



4283748071



4293962197



4291477631

Complementary

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



4283748071



4293356884

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.



4293375363



4283748071



4294878900

Square

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



4283748071



4291932912



4294618006



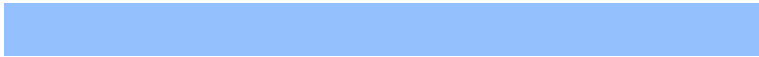
4289120653

Rectangle

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



4283748071



4287939070



4294618006



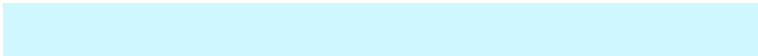
4292132222

Sweetspot

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



4283748071



4291819519



4283754348



4284644224



4278190080



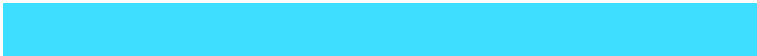
4286611584

Same Dimension

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



4283748071



4282244863



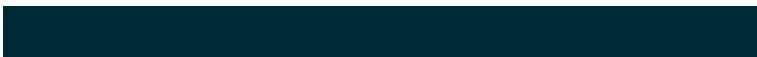
4283729383



4284969331



4278228147



4278200883

Inverse Universe

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



4293350606



4294917598



4293375572



4285753201



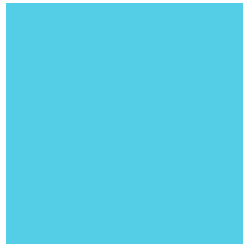
4289921172



4281532458

Previews

White Background



This preview shows how the Android color 4283748071 looks on a white background.

Color Contrast Check

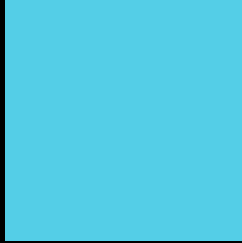
Large Text (above 18pt) WCAG AA × Fail

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 4283748071 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 4283748071 Background



This preview shows how black text looks on a background with the Android color 4283748071.



This preview shows how white text looks on a background with the Android color 4283748071.

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](#).

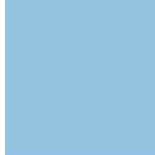
Dichromacy



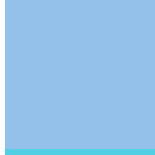
Trichromacy



Original Color
4283748071



Protanomaly
4287939551



Deuteranomaly
4287939050

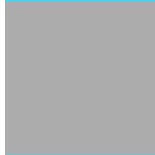


Tritanomaly
4283617251

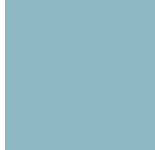
Monochromacy



Original Color
4283748071



Achromatopsia
4289506476



Achromatomaly
4287412417

CSS Examples

Text

The CSS property to change the color of the text to Android 4283748071 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, 206, 231)` looks like.

```
.text, #text, p{  
    color:rgb(84, 206, 231)  
}
```

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, 206, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 206, 231) }
```

Border

The CSS property to change the border of an element to Android 4283748071 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, 206, 231) }
```

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

```
.border{ border-color:rgb(84, 206, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 206, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 206, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 206, 231);  
box-shadow:4px 4px 4px 4px rgb(84, 206,  
231) }
```

Background

The CSS property to change the background color of an element to Android 4283748071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 206, 231) }
```

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

```
.background{ background-color: rgb(84, 206,  
231) }
```

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