

Converting Colors

Android(4283543807)

Have a look what the booklet for
Android(4283543807) contains.

Android(4283543807)	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(4283543807)

Conversions

Conversions Part 1

Format	Color
Hex	51B0FF
RGB	81, 176, 255
RGB Percent	32%, 69%, 100%
CMY	0.6824, 0.3098, 0.0000
CMYK	0.68, 0.31, 0.00, 0.00
HSL	207°, 100%, 66%
HSV	207°, 68%, 100%
XYZ	36.9687, 40.0200, 100.3839
YIQ	156.6010, -81.9790, 4.4290

Conversions

Conversions Part 2

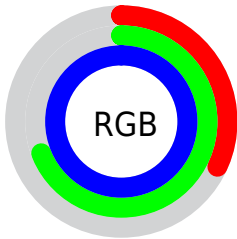
Format	Color
R_{YB}	81, 142, 255
Decimal	5353727
CIE _{Lab}	69.48, -3.49, -47.27
CIE _{LCh}	69, 47.397, 265.783
Yxy	40.0200, 0.2084, 0.2256
Android (android.graphics.Color)	4283543807 (0xFF51B0FF)
YUV	156.6010, 48.5107, -66.3021
Hunter-Lab	63.2614, -6.3956, -49.7992

Details

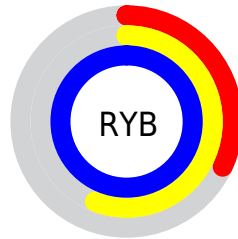
The Android color `4283543807` is a light color, and the websafe version is hex `0099FF`. The color can be described as light muted azure. A complement of this color would be `4294942801`, and the grayscale version is `4288453788`.

A 20% lighter version of the original color is `4287883263`, and `4278222022` is the 20% darker color. If you saturate the color by 10%, you get `4281902335`, and if you desaturate by 10%, it is `4285185279`.

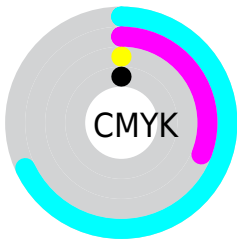
Distribution



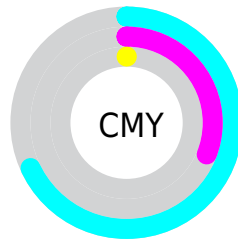
- Red (32%)
- Green (69%)
- Blue (100%)



- Red (32%)
- Yellow (56%)
- Blue (100%)



- Cyan (68%)
- Magenta (31%)
- Yellow (0%)
- Black (0%)



- Cyan (68%)
- Magenta (31%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283543807 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 4283543807 by changing the saturation by 10% instead.

 4283543807

 4283543807

4294967295

 4280718818

 4287883263

 4278222022

 4289921023

 4278215594

 4291952639

 4278209679

 4293984255

 4278204021

 4278198620

 4278192196

 4278190893

 4278190359

■ 4283543807

■ 4283543807

■ 4281902335

■ 4285185279

■ 4280195583

■ 4286892031

■ 4278554111

■ 4288599039

■ 4278225919

■ 4290240255

■ 4291947263

■ 4293588479

4294967295

Harmonies

Analogous

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



4278237936



4283543807



4288979447

Triad

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



4283543807



4294609287



4285184888

Complementary

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



4283543807



4294942801

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.



4288590426



4283543807



4293564004

Square

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



4283543807



4294346674



4291405138



4278239138

Rectangle

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



4283543807



4291466982



4291405138



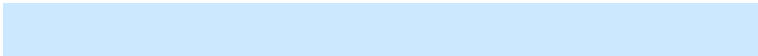
4286429548

Sweetspot

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



4283543807



4291619071



4283563935



4284576384



4278190080



4286611584

Same Dimension

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



4283543807



4281245951



4283521791



4285758080



4278216895



4278199104

Inverse Universe

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



4294922672



4294913696



4294964817



4286608250



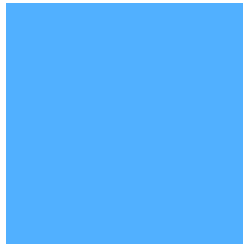
4290707560



4282384419

Previews

White Background



This preview shows how the Android color 4283543807 looks on a white background.

Color Contrast Check

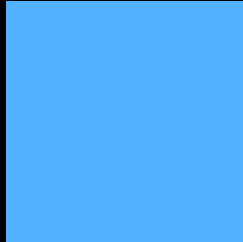
Large Text (above 18pt) WCAG AA × Fail

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 4283543807 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

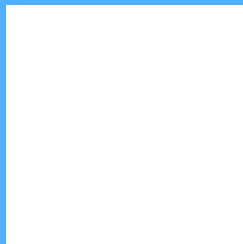
Any Text WCAG AAA ✓ Pass

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

Android 4283543807 Background



This preview shows how black text looks on a background with the Android color 4283543807.



This preview shows how white text looks on a background with the Android color 4283543807.

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
4283543807

Protanomaly
4286098170

Deuteranomaly
4285443071

Tritanomaly
4281972445

Monochromacy



Original Color
4283543807

Achromatopsia
4288519581

Achromatomaly
4286686401

CSS Examples

Text

The CSS property to change the color of the text to Android 4283543807 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(81, 176, 255)` looks like.

```
.text, #text, p{  
    color:rgb(81, 176, 255)  
}
```

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(81, 176, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 176, 255) }
```

Border

The CSS property to change the border of an element to Android 4283543807 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(81, 176, 255) }
```

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

```
.border{ border-color:rgb(81, 176, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 176, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 176, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 176, 255);  
box-shadow:4px 4px 4px 4px rgb(81, 176,  
255) }
```

Background

The CSS property to change the background color of an element to Android 4283543807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 176, 255) }
```

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

```
.background{ background-color: rgb(81, 176,  
255) }
```

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