

Converting Colors

Android(4283680255)

Have a look what the booklet for
Android(4283680255) contains.

Android(4283680255)	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(4283680255)

Conversions

Conversions Part 1

Format	Color
Hex	53C5FF
RGB	83, 197, 255
RGB Percent	33%, 77%, 100%
CMY	0.6745, 0.2275, 0.0000
CMYK	0.67, 0.23, 0.00, 0.00
HSL	200°, 100%, 66%
HSV	200°, 67%, 100%
XYZ	41.5835, 48.9915, 101.8724
YIQ	169.5260, -86.5620, -6.1300

Conversions

Conversions Part 2

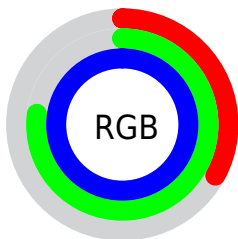
Format	Color
R _Y B	83, 152, 255
Decimal	5490175
CIE Lab	75.45, -14.59, -37.95
CIE LCh	75, 40.654, 248.970
Yxy	48.9915, 0.2161, 0.2546
Android (android.graphics.Color)	4283680255 (0xFF53C5FF)
YUV	169.5260, 42.1387, -75.8833
Hunter-Lab	69.9939, -16.4422, -37.2976

Details

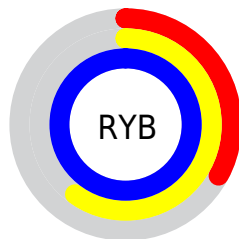
The Android color `4283680255` is a light color, and the websafe version is hex `66CCFF`. The color can be described as light muted cyan. A complement of this color would be `4294937939`, and the grayscale version is `4289309097`.

A 20% lighter version of the original color is `4288020223`, and `4278226886` is the 20% darker color. If you saturate the color by 10%, you get `4281974015`, and if you desaturate by 10%, it is `4285320959`.

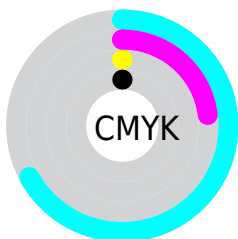
Distribution



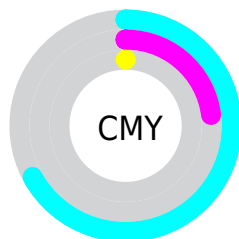
- Red (33%)
- Green (77%)
- Blue (100%)



- Red (33%)
- Yellow (60%)
- Blue (100%)



- Cyan (67%)
- Magenta (23%)
- Yellow (0%)
- Black (0%)



- Cyan (67%)
- Magenta (23%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283680255 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 4283680255 by changing the saturation by 10% instead.



4283680255



4283680255

4294967295



4280855266



4288020223



4278226886



4290052095



4278220459



4292083711



4278214032



4294115327



4278208118



4278202205



4278197317



4278191150



4278190361

■ 4283680255

■ 4283680255

■ 4281974015

■ 4285320959

■ 4280333567

■ 4287026943

■ 4278692863

■ 4288733183

■ 4278233599

■ 4290373631

■ 4292079871

■ 4293720575

4294967295

Harmonies

Analogous

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



4279028968



4283680255



4288068351

Triad

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



4283680255



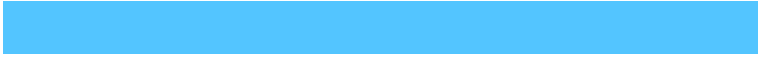
4294942128



4288660862

Complementary

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



4283680255



4294937939

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.



4291279727



4283680255



4294877837

Square

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



4283680255



4294090966



4293504628



4285582494

Rectangle

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



4283680255



4290556411



4293504628



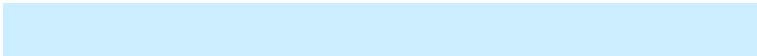
4289577591

Sweetspot

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



4283680255



4291620607



4283694988



4284577152



4278190080



4286611584

Same Dimension

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



4283680255



4281383423



4283658495



4285758336



4278222783



4278200896

Inverse Universe

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



4294923205



4294914233



4294959699



4286608251



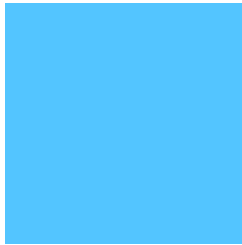
4290707583



4282384426

Previews

White Background



This preview shows how the Android color 4283680255 looks on a white background.

Color Contrast Check

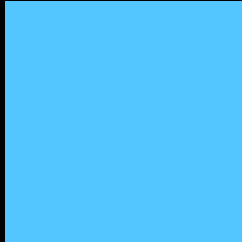
Large Text (above 18pt) WCAG AA × Fail

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 4283680255 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

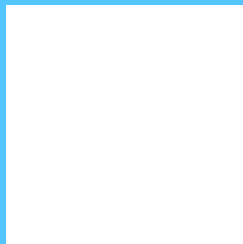
Any Text WCAG AAA ✓ Pass

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

Android 4283680255 Background



This preview shows how black text looks on a background with the Android color 4283680255.



This preview shows how white text looks on a background with the Android color 4283680255.

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



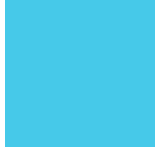
Original Color
4283680255



Protanomaly
4287216632



Deuteranomaly
4286954751



Tritanomaly
4282829289

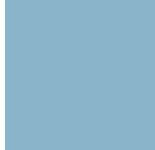
Monochromacy



Original Color
4283680255



Achromatopsia
4289374890



Achromatomaly
4287280329

CSS Examples

Text

The CSS property to change the color of the text to Android 4283680255 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(83, 197, 255)` looks like.

```
.text, #text, p{  
    color:rgb(83, 197, 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(83, 197, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 197, 255) }
```

Border

The CSS property to change the border of an element to Android 4283680255 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(83, 197, 255) }
```

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

```
.border{ border-color:rgb(83, 197, 255) }
```

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

Here you see how a box with a 4 pixel rgb(83, 197, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 197, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 197, 255);  
box-shadow:4px 4px 4px 4px rgb(83, 197,  
255) }
```

Background

The CSS property to change the background color of an element to Android 4283680255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 197, 255) }
```

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

```
.background{ background-color: rgb(83, 197,  
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