

# Converting Colors

Android(4283613951)

Have a look what the booklet for  
Android(4283613951) contains.

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# **Color**

**Android(4283613951)**

# Conversions

## Conversions Part 1

Format	Color
Hex	52C2FF
RGB	82, 194, 255
RGB Percent	32%, 76%, 100%
CMY	0.6784, 0.2392, 0.0000
CMYK	0.68, 0.24, 0.00, 0.00
HSL	201°, 100%, 66%
HSV	201°, 68%, 100%
XYZ	40.8215, 47.5974, 101.6434
YIQ	167.4660, -86.3330, -4.7730

# Conversions

## Conversions Part 2

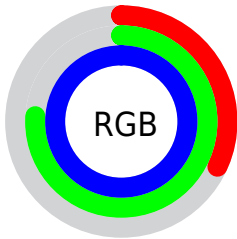
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	82, 150, 255
Decimal	5423871
CIE Lab	74.57, -13.15, -39.31
CIE LCh	75, 41.450, 251.507
Yxy	47.5974, 0.2148, 0.2504
Android (android.graphics.Color)	4283613951 (0xFF52C2FF)
YUV	167.4660, 43.1543, -74.9537
Hunter-Lab	68.9909, -15.1167, -39.0576

# Details

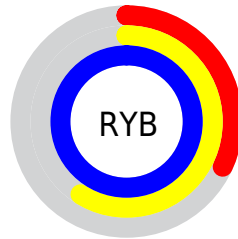
The Android color `4283613951` is a light color, and the websafe version is hex `66CCFF`. The color can be described as light muted cyan. A complement of this color would be `4294938450`, and the grayscale version is `4289177511`.

A 20% lighter version of the original color is `4287953663`, and `4278226374` is the 20% darker color. If you saturate the color by 10%, you get `4281973247`, and if you desaturate by 10%, it is `4285254655`.

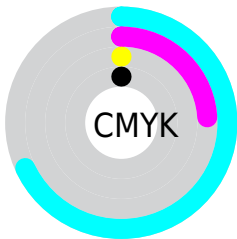
# Distribution



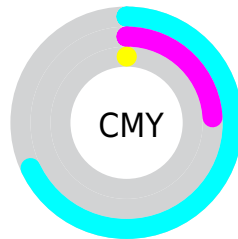
- Red (32%)
- Green (76%)
- Blue (100%)



- Red (32%)
- Yellow (59%)
- Blue (100%)



- Cyan (68%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)



- Cyan (68%)
- Magenta (24%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283613951 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 4283613951 by changing the saturation by 10% instead.



 4283613951

 4283613951

4294967295

 4280788962

 4287953663

 4278226374

 4289986559

 4278219691

 4292018175

 4278213520

 4294049791

 4278207350

 4278201693

 4278196805

 4278191150

 4278190360

■ 4283613951

■ 4283613951

■ 4281973247

■ 4285254655

■ 4280267007

■ 4286960895

■ 4278626303

■ 4288667135

■ 4278232575

■ 4290307839

■ 4292014079

■ 4293654783

4294967295

# Harmonies

## Analogous

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



4278241769



4283613951



4288198399

# Triad

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



4283613951



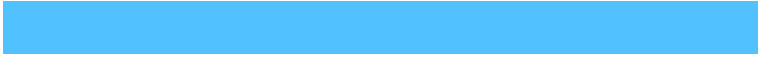
4294941354



4288201853

# Complementary

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



4283613951



4294938450

# 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.



4290951787



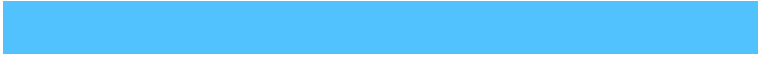
4283613951



4294680711

# Square

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



4283613951



4294155729



4293176687



4284992158

# Rectangle

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



4283613951



4290686456



4293176687



4289184117

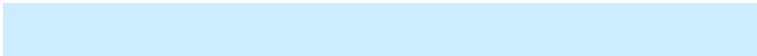


# Sweetspot

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



4283613951



4291620351



4283629455



4284577152



4278190080



4286611584



# Same Dimension

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



4283613951



4281382655



4283591935



4285758336



4278222015



4278200640



# Inverse Universe

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



4294922946



4294914230



4294960466



4286608251



4290707580

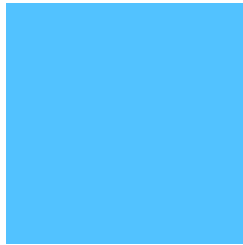


4282384425



# Previews

## White Background



This preview shows how the Android color 4283613951 looks on a white background.

## Color Contrast Check

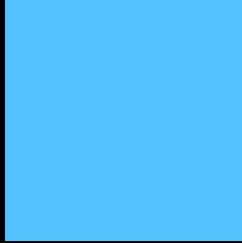
Large Text (above 18pt) WCAG AA × Fail

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 4283613951 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

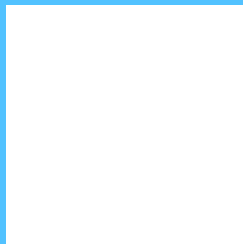
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4283613951 Background



This preview shows how black text looks on a background with the Android color 4283613951.



This preview shows how white text looks on a background with the Android color 4283613951.

# 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



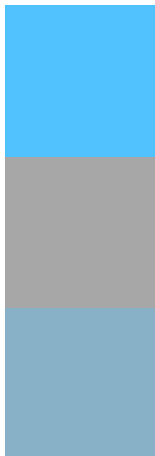
**Original Color**  
4283613951

**Protanomaly**  
4287019512

**Deuteranomaly**  
4286691839

**Tritanomaly**  
4282631911

# Monochromacy



**Original Color**  
4283613951

**Achromatopsia**  
4289177511

**Achromatomaly**  
4287148487

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283613951 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(82, 194, 255)` looks like.

```
.text, #text, p{  
    color:rgb(82, 194, 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(82, 194, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 194, 255) }
```

## Border

The CSS property to change the border of an element to Android 4283613951 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(82, 194, 255) }
```

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

```
.border{ border-color:rgb(82, 194, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 194, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 194, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 194, 255);  
box-shadow:4px 4px 4px 4px rgb(82, 194,  
255) }
```

# Background

The CSS property to change the background color of an element to Android 4283613951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 194, 255) }
```

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

```
.background{ background-color: rgb(82, 194,  
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](#).



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