

# Converting Colors

Android(4281513983)

Have a look what the booklet for  
Android(4281513983) contains.

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# **Color**

**Android(4281513983)**

# Conversions

## Conversions Part 1

Format	Color
Hex	32B7FF
RGB	50, 183, 255
RGB Percent	20%, 72%, 100%
CMY	0.8039, 0.2824, 0.0000
CMYK	0.80, 0.28, 0.00, 0.00
HSL	201°, 100%, 60%
HSV	201°, 80%, 100%
XYZ	36.2989, 41.7651, 100.7561
YIQ	151.4410, -102.3800, -5.8040

# Conversions

## Conversions Part 2

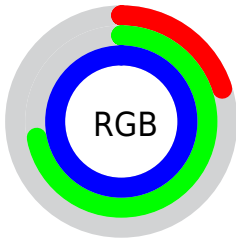
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	50, 131, 255
Decimal	3323903
CIE Lab	70.71, -10.98, -45.40
CIE LCh	71, 46.707, 256.400
Yxy	41.7651, 0.2030, 0.2336
Android (android.graphics.Color)	4281513983 (0xFF32B7FF)
YUV	151.4410, 51.0546, -88.9638
Hunter-Lab	64.6259, -12.8360, -47.1989

# Details

The Android color `4281513983` is a light color, and the websafe version is hex `66CCFF`. The color can be described as light washed azure. A complement of this color would be `4294933042`, and the grayscale version is `4288124823`.

A 20% lighter version of the original color is `4286640127`, and `4278223558` is the 20% darker color. If you saturate the color by 10%, you get `4279807743`, and if you desaturate by 10%, it is `4283220223`.

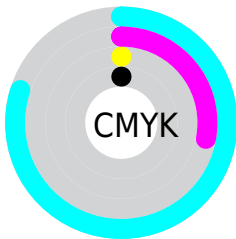
# Distribution



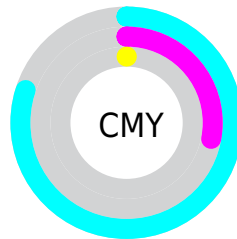
- Red (20%)
- Green (72%)
- Blue (100%)



- Red (20%)
- Yellow (51%)
- Blue (100%)



- Cyan (80%)
- Magenta (28%)
- Yellow (0%)
- Black (0%)




- Cyan (80%)
- Magenta (28%)
- Yellow (0%)


# Brightness & Saturation Gradients

These gradients show how the Android color 4281513983 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 4281513983 by changing the saturation by 10% instead.



 4281513983

 4281513983

4294967295

 4278230242

 4286640127

 4278223558

 4288741375

 4278217130

 4290838527

 4278210960

 4292870143

 4278205302

 4278199644

 4278193220

 4278190893

 4278190360

■ 4281513983

■ 4281513983

■ 4279807743

■ 4283220223

■ 4278232575

■ 4284860927

■ 4286567167

■ 4288207871

■ 4289914111

■ 4291554815

■ 4293261055

4294901759

4294967295

# Harmonies

## Analogous

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



4278239465



4281513983



4287801854

# Triad

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



4281513983



4294871959



4286626928

# Complementary

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



4281513983



4294933042

# 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.



4289770073



4281513983



4294219121

# Square

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



4281513983



4294085826



4292387930



4282368664

# Rectangle

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



4281513983



4290617074



4292387930



4287740262

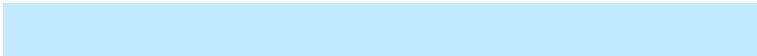


# Sweetspot

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



4281513983



4290964223



4281532282



4284183424



4278190080



4286611584



# Same Dimension

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



4281513983



4278888959



4281487871



4285758336



4278222015



4278200640



# Inverse Universe

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



4294914743



4294904489



4294959154



4286608251



4290707580

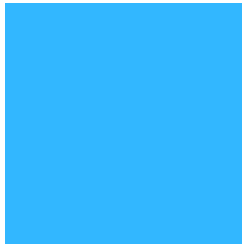


4282384425



# Previews

## White Background



This preview shows how the Android color 4281513983 looks on a white background.

## Color Contrast Check

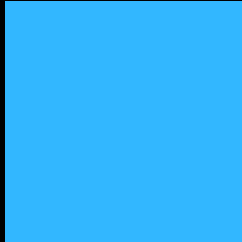
Large Text (above 18pt) WCAG AA × Fail

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 4281513983 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

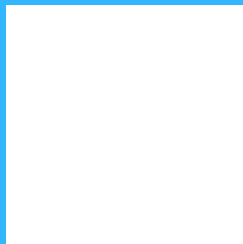
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4281513983 Background



This preview shows how black text looks on a background with the Android color 4281513983.



This preview shows how white text looks on a background with the Android color 4281513983.

# 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



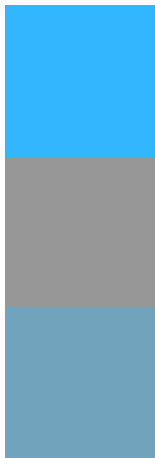
**Original Color**  
4281513983

**Protanomaly**  
4285574904

**Deuteranomaly**  
4284985343

**Tritanomaly**  
4279418080

# Monochromacy



**Original Color**  
4281513983

**Achromatopsia**  
4288124823

**Achromatomaly**  
4285703101

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281513983 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(50, 183, 255)` looks like.

```
.text, #text, p{  
    color:rgb(50, 183, 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(50, 183, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 183, 255) }
```

## Border

The CSS property to change the border of an element to Android 4281513983 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(50, 183, 255) }
```

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

```
.border{ border-color:rgb(50, 183, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 183, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 183, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 183, 255);  
box-shadow:4px 4px 4px 4px rgb(50, 183,  
255) }
```

# Background

The CSS property to change the background color of an element to Android 4281513983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 183, 255) }
```

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

```
.background{ background-color: rgb(50, 183,  
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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