

# Converting Colors

Android(4280854267)

Have a look what the booklet for  
Android(4280854267) contains.

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# **Color**

**Android(4280854267)**

# Conversions

## Conversions Part 1

Format	Color
Hex	28A6FB
RGB	40, 166, 251
RGB Percent	16%, 65%, 98%
CMY	0.8431, 0.3490, 0.0157
CMYK	0.84, 0.34, 0.00, 0.02
HSL	204°, 96%, 57%
HSV	204°, 84%, 98%
XYZ	31.9239, 34.6886, 96.2798
YIQ	138.0160, -102.3810, -0.2770

# Conversions

## Conversions Part 2

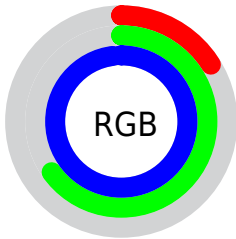
Format	Color
<a href="#">RYB</a>	<a href="#">40, 119, 251</a>
Decimal	<a href="#">2664187</a>
CIELab	<a href="#">65.51, -3.76, -51.44</a>
CIELCh	<a href="#">66, 51.575, 265.822</a>
Yxy	<a href="#">34.6886, 0.1960, 0.2130</a>
Android (android.graphics.Color)	<a href="#">4280854267</a> ( <a href="#">0xFF28A6FB</a> )
YUV	<a href="#">138.0160, 55.7011, -85.9600</a>
Hunter-Lab	<a href="#">58.8970, -6.3176, -55.6943</a>

# Details

The Android color `4280854267` is a light color, and the websafe version is hex `0099FF`. The color can be described as light washed azure. A complement of this color would be `4294671656`, and the grayscale version is `4287269514`.

A 20% lighter version of the original color is `4286242303`, and `4278219714` is the 20% darker color. If you saturate the color by 10%, you get `4279213307`, and if you desaturate by 10%, it is `4282495227`.

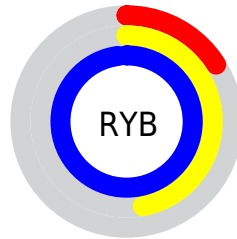
# Distribution



Red (16%)

Green (65%)

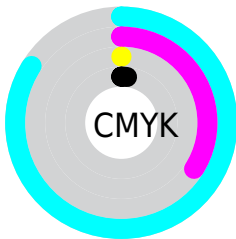
Blue (98%)



Red (16%)

Yellow (47%)

Blue (98%)

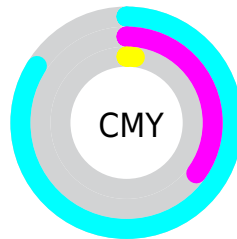


Cyan (84%)

Magenta (34%)

Yellow (0%)

Black (2%)



Cyan (84%)

Magenta (35%)

Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280854267 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 4280854267 by changing the saturation by 10% instead.



 4280854267

 4280854267

4294967295

 4278226142

 4286242303

 4278219714

 4288346623

 4278213286

 4290445311

 4278207372

 4292542463

 4278201970

 4294574079

 4278196825

 4278191937

 4278190890

 4278190356

■ 4280854267

■ 4280854267

■ 4279213307

■ 4282495227

■ 4278228731

■ 4284136187

■ 4285777147

■ 4287418107

■ 4289124859

■ 4290765819

■ 4292406779

■ 4294047739

4294967291

# Harmonies

## Analogous

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



4278235627



4280854267



4288124658

# Triad

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



4280854267



4294212473



4284002665

# Complementary

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



4280854267



4294671656

# 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.



4287801416



4280854267



4293036371

# Square

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



4280854267



4293949608



4290746943



4278236823

# Rectangle

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



4280854267



4290939360



4290746943



4285378396

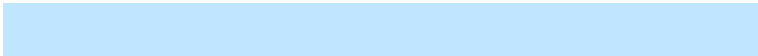


# Sweetspot

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



4280854267



4290766335



4280875900



4284051584



4278190080



4286611584



# Same Dimension

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



4280854267



4278229247



4280827387



4285560957



4278219197



4278199613



# Inverse Universe

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



4294650022



4294901912



4294698536



4286410872



4290576497



4282187813



# Previews

## White Background



This preview shows how the Android color 4280854267 looks on a white background.

## Color Contrast Check

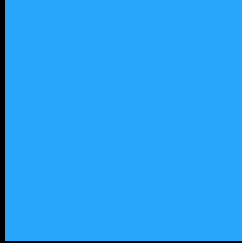
Large Text (above 18pt) WCAG AA × Fail

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 4280854267 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

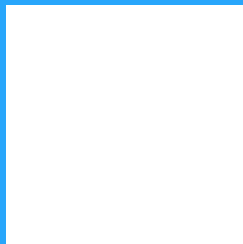
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4280854267 Background



This preview shows how black text looks on a background with the Android color 4280854267.



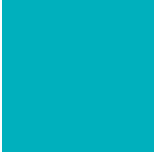
This preview shows how white text looks on a background with the Android color 4280854267.

# 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**  
4280854267

**Protanomaly**  
4284456949

**Deuteranomaly**  
4283474428

**Tritanomaly**  
4279217364

# Monochromacy



**Original Color**  
4280854267

**Achromatopsia**  
4287269514

**Achromatomaly**  
4284912819

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280854267 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(40, 166, 251)` looks like.

```
.text, #text, p{  
    color:rgb(40, 166, 251)  
}
```

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(40, 166, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 166, 251) }
```

## Border

The CSS property to change the border of an element to Android 4280854267 is called "border". The border property can be set on classes, ids or directly on the HTML element.

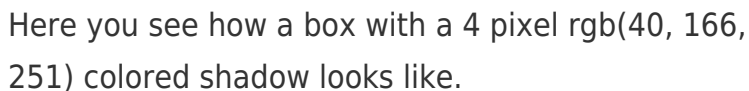
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(40, 166, 251) }
```

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

```
.border{ border-color:rgb(40, 166, 251) }
```

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



Here you see how a box with a 4 pixel `rgb(40, 166, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 166, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 166, 251);  
box-shadow:4px 4px 4px 4px rgb(40, 166,  
251) }
```

# Background

The CSS property to change the background color of an element to Android 4280854267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 166, 251) }
```

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

```
.background{ background-color: rgb(40, 166,  
251) }
```

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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