

# Converting Colors

Android(4280327927)

Have a look what the booklet for  
Android(4280327927) contains.

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# **Color**

**Android(4280327927)**

# Conversions

## Conversions Part 1

Format	Color
Hex	209EF7
RGB	32, 158, 247
RGB Percent	13%, 62%, 97%
CMY	0.8745, 0.3804, 0.0314
CMYK	0.87, 0.36, 0.00, 0.03
HSL	205°, 93%, 55%
HSV	205°, 87%, 97%
XYZ	29.6110, 31.4762, 92.5105
YIQ	130.4720, -103.6650, 0.9670

# Conversions

## Conversions Part 2

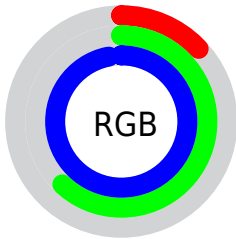
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	32, 111, 247
Decimal	2137847
CIE Lab	62.91, -1.16, -53.38
CIE LCh	63, 53.391, 268.751
Yxy	31.4762, 0.1928, 0.2049
Android (android.graphics.Color)	4280327927 (0xFF209EF7)
YUV	130.4720, 57.4483, -86.3599
Hunter-Lab	56.1037, -3.9706, -58.4920

# Details

The Android color `4280327927` is a dark color, and the websafe version is hex `0099FF`. The color can be described as middle washed azure. A complement of this color would be `4294408480`, and the grayscale version is `4286743170`.

A 20% lighter version of the original color is `4285912319`, and `4278217662` is the 20% darker color. If you saturate the color by 10%, you get `4278686967`, and if you desaturate by 10%, it is `4281968887`.

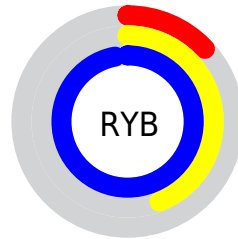
# Distribution



Red (13%)

Green (62%)

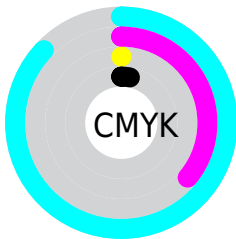
Blue (97%)



Red (13%)

Yellow (44%)

Blue (97%)

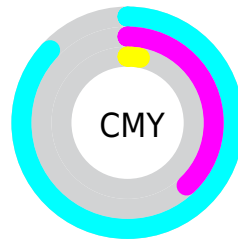


Cyan (87%)

Magenta (36%)

Yellow (0%)

Black (3%)



Cyan (87%)

Magenta (38%)

Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280327927 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 4280327927 by changing the saturation by 10% instead.



 4280327927

 4280327927

4294967295

 4278224090

 4285912319

 4278217662

 4288082175

 4278211491

 4290183167

 4278205832

 4292280319

 4278200430

 4294311935

 4278195285

 4278191677

 4278190886

 4278190351

■ 4280327927

■ 4280327927

■ 4278686967

■ 4281968887

■ 4278227447

■ 4283544311

■ 4285185527

■ 4286826487

■ 4288401911

■ 4290042871

■ 4291684087

■ 4293325047

■ 4294900471

# Harmonies

## Analogous

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



4278233833



4280327927



4288122348

# Triad

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



4280327927



4293817197



4282755941

# Complementary

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



4280327927



4294408480

# 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.



4286948160



4280327927



4292444999

# Square

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



4280327927



4293684892



4290024756



4278235029

# Rectangle

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



4280327927



4290871255



4290024756



4284393815

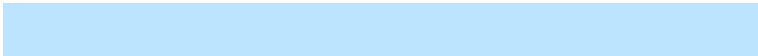


# Sweetspot

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



4280327927



4290635007



4280350582



4283985792



4278190080



4286611584



# Same Dimension

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



4280327927



4278228479



4280301047



4285429114



4278218170



4278198843



# Inverse Universe

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



4294385822



4294901909



4294435104



4286213749



4290379885

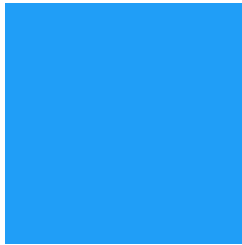


4282056738



# Previews

## White Background



This preview shows how the Android color 4280327927 looks on a white background.

## Color Contrast Check

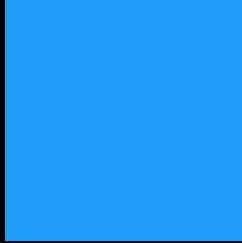
Large Text (above 18pt) WCAG AA × Fail

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 4280327927 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

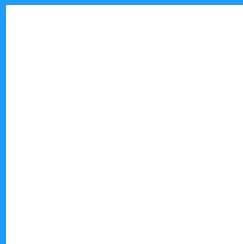
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4280327927 Background



This preview shows how black text looks on a background with the Android color 4280327927.



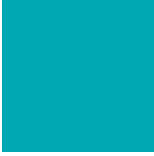
This preview shows how white text looks on a background with the Android color 4280327927.

# 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**  
4280327927

**Protanomaly**  
4283865329

**Deuteranomaly**  
4282686200

**Tritanomaly**  
4279018700

# Monochromacy



**Original Color**  
4280327927

**Achromatopsia**  
4286743170

**Achromatomaly**  
4284386477

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280327927 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(32, 158, 247)` looks like.

```
.text, #text, p{  
    color:rgb(32, 158, 247)  
}
```

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(32, 158, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 158, 247) }
```

## Border

The CSS property to change the border of an element to Android 4280327927 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(32, 158, 247) }
```

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

```
.border{ border-color:rgb(32, 158, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(32, 158, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 158, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 158, 247);  
box-shadow:4px 4px 4px 4px rgb(32, 158,  
247) }
```

# Background

The CSS property to change the background color of an element to Android 4280327927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 158, 247) }
```

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

```
.background{ background-color: rgb(32, 158,  
247) }
```

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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