

# Converting Colors

Android(4279337409)

Have a look what the booklet for  
Android(4279337409) contains.

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# Color

**Android(4279337409)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1181C1
RGB	17, 129, 193
RGB Percent	7%, 51%, 76%
CMY	0.9333, 0.4941, 0.2431
CMYK	0.91, 0.33, 0.00, 0.24
HSL	202°, 84%, 41%
HSV	202°, 91%, 76%
XYZ	17.7071, 19.6699, 53.3155
YIQ	102.8080, -87.2960, -3.8400

# Conversions

## Conversions Part 2

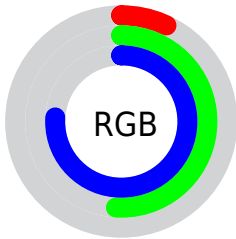
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	17, 85, 193
Decimal	1147329
CIE <sub>Lab</sub>	51.46, -5.22, -41.32
CIE <sub>LCh</sub>	51, 41.653, 262.803
Yxy	19.6699, 0.1952, 0.2169
Android (android.graphics.Color)	4279337409 (0xFF1181C1)
YUV	102.8080, 44.4647, -75.2536
Hunter-Lab	44.3508, -6.3478, -40.2288

# Details

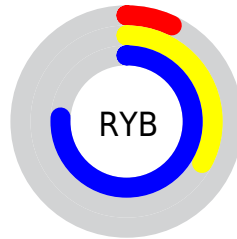
The Android color `4279337409` is a dark color, and the websafe version is hex `006699`. The color can be described as dark washed azure. A complement of this color would be `4290859281`, and the grayscale version is `4284900966`.

A 20% lighter version of the original color is `4284724986`, and `4278210699` is the 20% darker color. If you saturate the color by 10%, you get `4278221761`, and if you desaturate by 10%, it is `4280584385`.

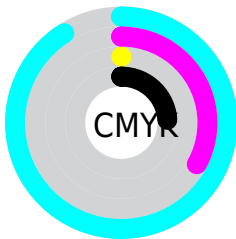
# Distribution



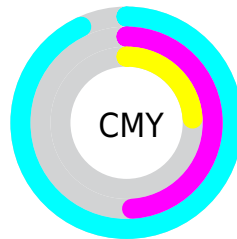
- Red (7%)
- Green (51%)
- Blue (76%)



- Red (7%)
- Yellow (33%)
- Blue (76%)



- Cyan (91%)
- Magenta (33%)
- Yellow (0%)
- Black (24%)



- Cyan (93%)
- Magenta (49%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4279337409 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 4279337409 by changing the saturation by 10% instead.





4279337409



4279337409

4294967295



4278216870



4284724986



4278210699



4286829055



4278205041



4288802303



4278199640



4290772991



4278193985



4292739071



4278190890



4294770687



4278190356



4278190080



4279337409



4279337409

■ 4278221761

■ 4280584385

■ 4281896897

■ 4283143873

■ 4284390849

■ 4285703361

■ 4286950337

■ 4288197313

■ 4289444289

■ 4290756801

# Harmonies

## Analogous

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



4278225331



4279337409



4285494716

# Triad

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



4279337409



4290600545



4283009102

# Complementary

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



4279337409



4290859281

# 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.



4285825334



4279337409



4289751107

# Square

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



4279337409



4290272645



4288116274



4278226033

# Rectangle

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



4279337409



4287720367



4288116274



4284057156

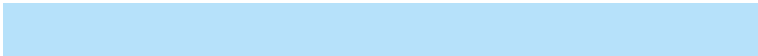


# Sweetspot

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



4279337409



4290175482



4279353679



4283788925



4294769916



4286414205



# Same Dimension

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



4279337409



4278231034



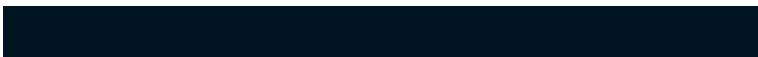
4279315393



4283915617



4278216353



4278195489



# Inverse Universe

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



4290843009



4294574239



4290881297



4284569437



4288741478



4280352789



# Previews

## White Background



This preview shows how the Android color 4279337409 looks on a white background.

## Color Contrast Check

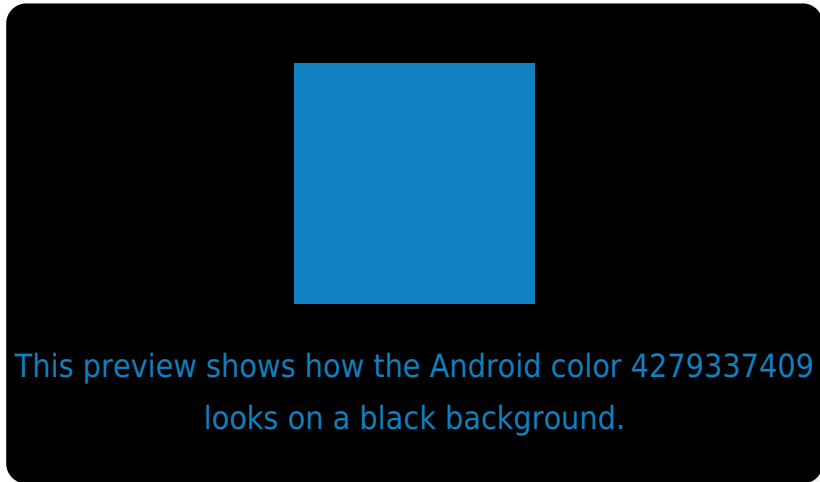
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# 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 × Fail

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



# Android 4279337409 Background



This preview shows how black text looks on a background with the Android color 4279337409.



This preview shows how white text looks on a background with the Android color 4279337409.

# 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**  
4279337409

**Protanomaly**  
4282743740

**Deuteranomaly**  
4281957826

**Tritanomaly**  
4278617507

# Monochromacy



**Original Color**  
4279337409

**Achromatopsia**  
4284966759

**Achromatomaly**  
4282937480

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4279337409 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(17, 129, 193)` looks like.

```
.text, #text, p{  
    color:rgb(17, 129, 193)  
}
```

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(17, 129, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 129, 193) }
```

## Border

The CSS property to change the border of an element to Android 4279337409 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(17, 129, 193) }
```

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

```
.border{ border-color:rgb(17, 129, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(17, 129, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 129, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 129, 193);  
box-shadow:4px 4px 4px 4px rgb(17, 129,  
193) }
```

# Background

The CSS property to change the background color of an element to Android 4279337409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 129, 193) }
```

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

```
.background{ background-color: rgb(17, 129,  
193) }
```

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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