

# Converting Colors

Android(4279068870)

Have a look what the booklet for  
Android(4279068870) contains.

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# Color

**Android(4279068870)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0D68C6
RGB	13, 104, 198
RGB Percent	5%, 41%, 78%
CMY	0.9490, 0.5922, 0.2235
CMYK	0.93, 0.47, 0.00, 0.22
HSL	210°, 88%, 41%
HSV	210°, 93%, 78%
XYZ	15.3093, 14.0634, 55.3337
YIQ	87.5070, -84.4100, 9.9420

# Conversions

## Conversions Part 2

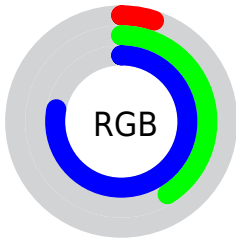
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	13, 74, 198
Decimal	878790
CIE <sub>Lab</sub>	44.32, 12.03, -55.60
CIE <sub>LCh</sub>	44, 56.883, 282.210
Yxy	14.0634, 0.1807, 0.1660
Android (android.graphics.Color)	4279068870 (0xFF0D68C6)
YUV	87.5070, 54.4730, -65.3426
Hunter-Lab	37.5012, 7.2430, -61.2326

# Details

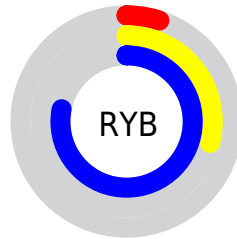
The Android color `4279068870` is a dark color, and the websafe version is hex `0066CC`. The color can be described as dark washed azure. A complement of this color would be `4291193613`, and the grayscale version is `4283914071`.

A 20% lighter version of the original color is `4284783359`, and `4278205071` is the 20% darker color. If you saturate the color by 10%, you get `4278215110`, and if you desaturate by 10%, it is `4280382150`.

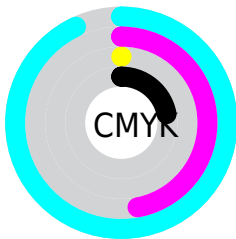
# Distribution



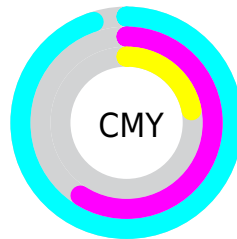
- Red (5%)
- Green (41%)
- Blue (78%)



- Red (5%)
- Yellow (29%)
- Blue (78%)



- Cyan (93%)
- Magenta (47%)
- Yellow (0%)
- Black (22%)



- Cyan (95%)
- Magenta (59%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4279068870 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 4279068870 by changing the saturation by 10% instead.



 4279068870

 4279068870

4294967295

 4278210730

 4284783359

 4278205071

 4286821887

 4278199925

 4288794879

 4278194780

 4290833919

 4278191939

 4292804607

 4278190892

4294836223

 4278190359

 4278190080

 4279068870

 4279068870

■ 4278215110

■ 4280382150

■ 4281695430

■ 4282943174

■ 4284256454

■ 4285569734

■ 4286883014

■ 4288196294

■ 4289444038

■ 4290757574

# Harmonies

## Analogous

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



4278220483



4279068870



4286796720

# Triad

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



4279068870



4289873707



4278221898

# Complementary

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



4279068870



4291193613

# 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.



4281759513



4279068870



4287978496

# Square

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



4279068870



4290524760



4285361408



4278222459

# Rectangle

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



4279068870



4288955286



4285361408



4278221626

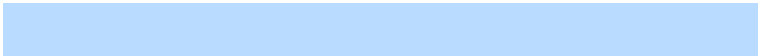


# Sweetspot

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



4279068870



4290305023



4279092842



4283722112



4278190080



4286611584



# Same Dimension

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



4279068870



4278222335



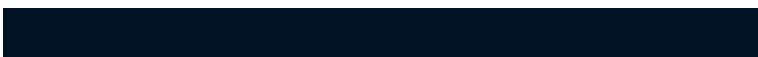
4279045574



4284112483



4278210723



4278194724



# Inverse Universe

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



4291169640



4294901885



4291216909



4284701278



4288872528



4280549394



# Previews

## White Background



This preview shows how the Android color 4279068870 looks on a white background.

## Color Contrast Check

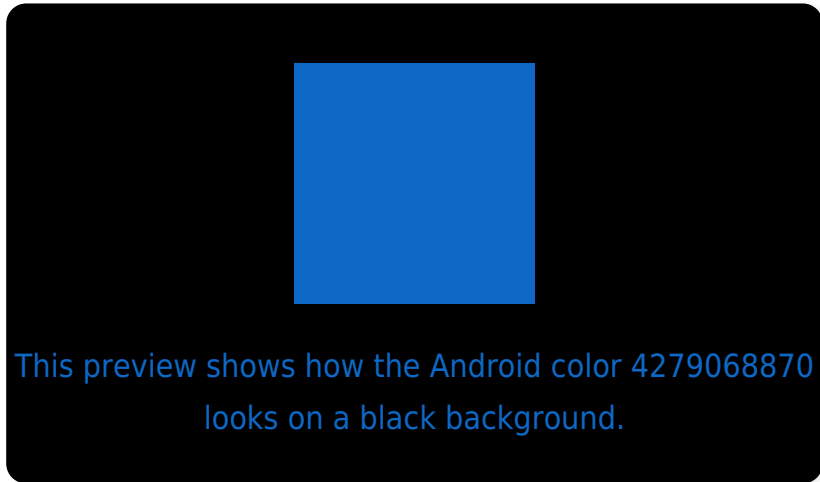
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

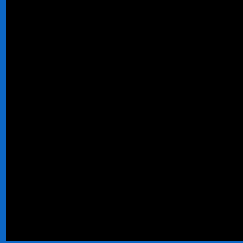
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4279068870 Background



This preview shows how black text looks on a background with the Android color 4279068870.



This preview shows how white text looks on a background with the Android color 4279068870.

# 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**  
4279068870

**Protanomaly**  
4280837828

**Tritanomaly**  
4278546583

# Monochromacy



**Original Color**  
4279068870

**Achromatopsia**  
4283979864

**Achromatomaly**  
4282211968

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4279068870 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(13, 104, 198)` looks like.

```
.text, #text, p{  
    color:rgb(13, 104, 198)  
}
```

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(13, 104, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 104, 198) }
```

## Border

The CSS property to change the border of an element to Android 4279068870 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(13, 104, 198) }
```

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

```
.border{ border-color:rgb(13, 104, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(13, 104, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 104, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 104, 198);  
box-shadow:4px 4px 4px 4px rgb(13, 104,  
198) }
```

# Background

The CSS property to change the background color of an element to Android 4279068870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 104, 198) }
```

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

```
.background{ background-color: rgb(13, 104,  
198) }
```

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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