

# Converting Colors

Android(4281248972)

Have a look what the booklet for  
Android(4281248972) contains.

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# **Color**

**Android(4281248972)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2EACCC
RGB	46, 172, 204
RGB Percent	18%, 67%, 80%
CMY	0.8196, 0.3255, 0.2000
CMYK	0.77, 0.16, 0.00, 0.20
HSL	192°, 63%, 49%
HSV	192°, 77%, 80%
XYZ	26.7783, 34.4455, 62.3640
YIQ	137.9740, -85.3680, -16.7600

# Conversions

## Conversions Part 2

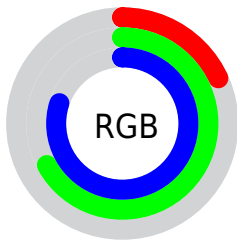
<b>Format</b>	<b>Color</b>
<b>RYB</b>	46, 116, 204
Decimal	3058892
CIELab	65.31, -22.71, -25.90
CIELCh	65, 34.445, 228.748
Yxy	34.4455, 0.2167, 0.2787
Android (android.graphics.Color)	4281248972 (0xFF2EACCC)
YUV	137.9740, 32.5508, -80.6612
Hunter-Lab	58.6903, -21.2648, -21.9180

# Details

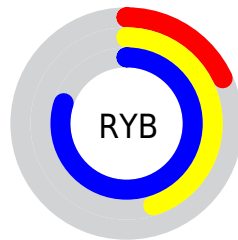
The Android color **4281248972** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle muted azure. A complement of this color would be **4291579438**, and the grayscale version is **4287269514**.

A 20% lighter version of the original color is **4285916415**, and **4278220694** is the 20% darker color. If you saturate the color by 10%, you get **4279937228**, and if you desaturate by 10%, it is **4282560716**.

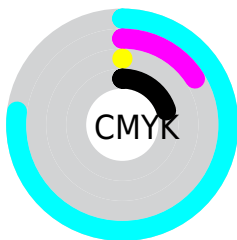
# Distribution



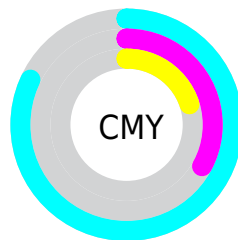
- Red (18%)
- Green (67%)
- Blue (80%)



- Red (18%)
- Yellow (45%)
- Blue (80%)



- Cyan (77%)
- Magenta (16%)
- Yellow (0%)
- Black (20%)



- Cyan (82%)
- Magenta (33%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281248972 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 4281248972 by changing the saturation by 10% instead.





4281248972



4281248972

4294967295



4278227376



4285916415



4278220694



4287889407



4278214524



4289921023



4278208355



4291887103



4278202443



4293918719



4278197556



4278190623



4278190081



4278190080

■ 4281248972

■ 4281248972

■ 4279937228

■ 4282560716

■ 4278559948

■ 4283937996

■ 4278232012

■ 4285249740

■ 4286627276

■ 4287939020

■ 4289250764

■ 4290628044

■ 4291939788

■ 4293317068

# Harmonies

## Analogous

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



4281249713



4281248972



4284458458

# Triad

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



4281248972



4292053164



4288717667

# Complementary

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



4281248972



4291579438

# 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.



4290681186



4281248972



4292577164

# Square

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



4281248972



4290416839



4292054641



4286360181

# Rectangle

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



4281248972



4286685147



4292054641



4289372257

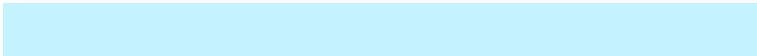


# Sweetspot

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



4281248972



4291097599



4281257038



4284250240



4278190080



4286611584



# Same Dimension

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



4281248972



4279422975



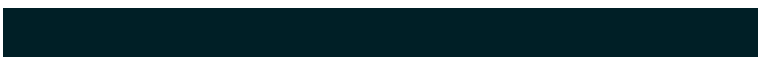
4281228748



4284245094



4278224038



4278198054



# Inverse Universe

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



4291571372



4294906575



4291599662



4284898404



4289069188



4280680479



# Previews

## White Background



This preview shows how the Android color 4281248972 looks on a white background.

## Color Contrast Check

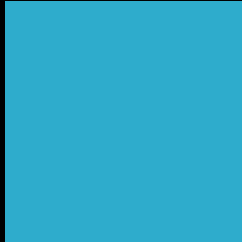
Large Text (above 18pt) WCAG AA × Fail

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 4281248972 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 4281248972 Background



This preview shows how black text looks on a background with the Android color 4281248972.

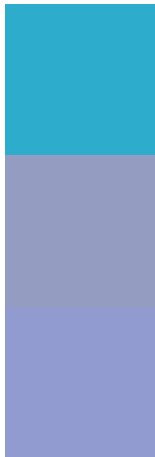


This preview shows how white text looks on a background with the Android color 4281248972.

# 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



**Original Color**  
4281248972

**Protanopia**  
4287995073

**Deuteranopia**  
4287732688



# Trichromacy



**Original Color**  
4281248972



**Protanomaly**  
4285571781



**Deuteranomaly**  
4285374927



**Tritanomaly**  
4280594114

# Monochromacy



**Original Color**  
4281248972



**Achromatopsia**  
4287269514



**Achromatomaly**  
4285109922

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281248972 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(46, 172, 204)` looks like.

```
.text, #text, p{  
    color:rgb(46, 172, 204)  
}
```

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(46, 172, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 172, 204) }
```

## Border

The CSS property to change the border of an element to Android 4281248972 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(46, 172, 204) }
```

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

```
.border{ border-color:rgb(46, 172, 204) }
```

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

Here you see how a box with a 4 pixel rgb(46, 172, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 172, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 172, 204);  
box-shadow:4px 4px 4px 4px rgb(46, 172,  
204) }
```

# Background

The CSS property to change the background color of an element to Android 4281248972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 172, 204) }
```

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

```
.background{ background-color: rgb(46, 172,  
204) }
```

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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