

# Converting Colors

Android(4283009172)

Have a look what the booklet for  
Android(4283009172) contains.

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# Color

**Android(4283009172)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	498894
RGB	73, 136, 148
RGB Percent	29%, 53%, 58%
CMY	0.7137, 0.4667, 0.4196
CMYK	0.51, 0.08, 0.00, 0.42
HSL	190°, 34%, 43%
HSV	190°, 51%, 58%
XYZ	16.8971, 21.1629, 31.2113
YIQ	118.5310, -41.4000, -9.6240

# Conversions

## Conversions Part 2

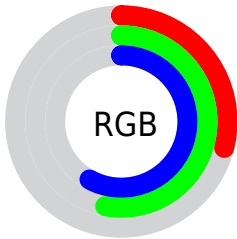
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	73, 107, 148
Decimal	4819092
CIE <sub>Lab</sub>	53.13, -16.82, -12.69
CIE <sub>LCh</sub>	53, 21.067, 217.024
Yxy	21.1629, 0.2439, 0.3055
Android (android.graphics.Color)	4283009172 (0xFF498894)
YUV	118.5310, 14.5282, -39.9307
Hunter-Lab	46.0032, -14.9419, -8.0236

# Details

The Android color `4283009172` is a dark color, and the websafe version is hex `669999`. A complement of this color would be `4287911241`, and the grayscale version is `4285953654`.

A 20% lighter version of the original color is `4286561738`, and `4278867553` is the 20% darker color. If you saturate the color by 10%, you get `4282025620`, and if you desaturate by 10%, it is `4283992724`.

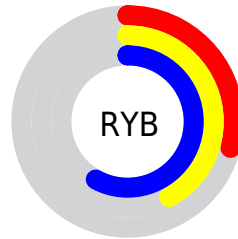
# Distribution



Red (29%)

Green (53%)

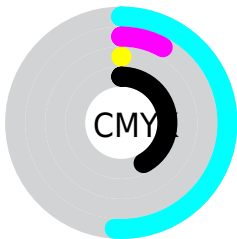
Blue (58%)



Red (29%)

Yellow (42%)

Blue (58%)

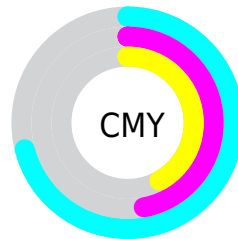


Cyan (51%)

Magenta (8%)

Yellow (0%)

Black (42%)



Cyan (71%)

Magenta (47%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283009172 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 4283009172 by changing the saturation by 10% instead.





4283009172



4283009172

4294967295



4281167738



4286561738



4278867553



4288338406



4278206282



4290180863



4278200371



4292083711



4278195230



4293984255



4278190082



4278190080



4283009172



4283009172



4282025620



4283992724

■ 4281041812

■ 4284976532

■ 4280123796

■ 4285894548

■ 4279140244

■ 4286878100

■ 4278221972

■ 4287861908

■ 4288845460

■ 4289829268

■ 4290747284

■ 4291730836

# Harmonies

## Analogous

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



4283337091



4283009172



4283860384

# Triad

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



4283009172



4288312461



4287135579

# Complementary

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



4283009172



4287911241

# 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.



4288182622



4283009172



4288901755

# Square

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



4283009172



4287068572



4288836714



4285826146

# Rectangle

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



4283009172



4284907939



4288836714



4287528283



# Sweetspot

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



4283009172



4288920511



4283012180



4283391585



4292927712



4284572001



# Same Dimension

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



4283009172



4283149759



4282999700



4282599754



4278219914



4278192394



# Inverse Universe

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



4287908232



4290726829



4287920713



4283056969



4287234164

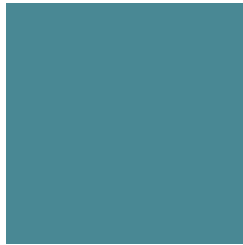


4278845449



# Previews

## White Background



This preview shows how the Android color 4283009172 looks on a white background.

## Color Contrast Check

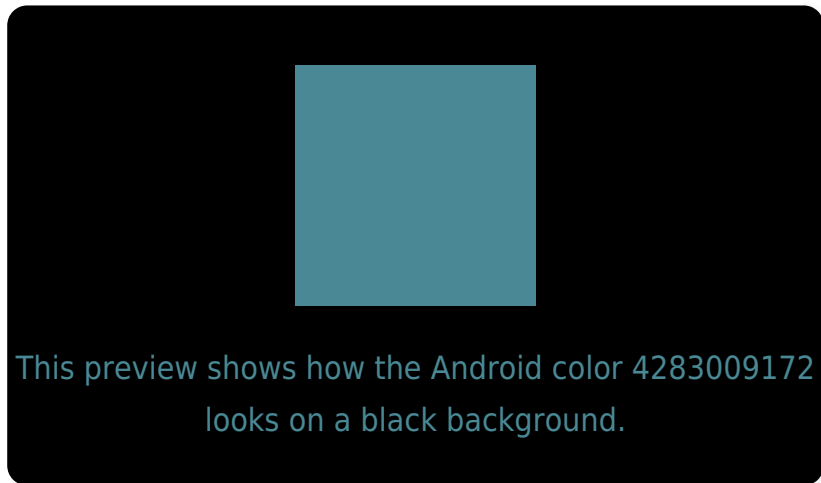
Large Text (above 18pt) WCAG AA ✓ Pass

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

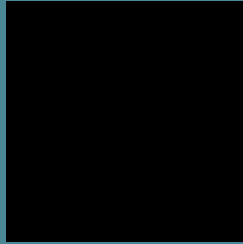
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



# Android 4283009172 Background



This preview shows how black text looks on a background with the Android color 4283009172.

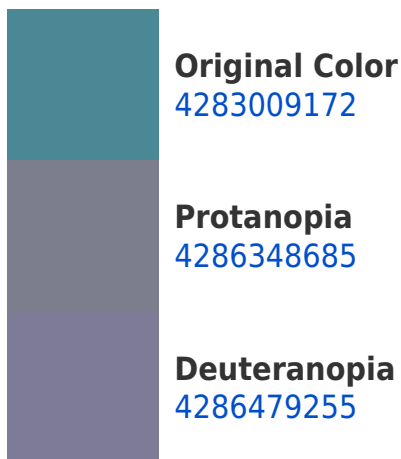


This preview shows how white text looks on a background with the Android color 4283009172.

# 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**  
4283009172

**Protanomaly**  
4285104528

**Deuteranomaly**  
4285235350

**Tritanomaly**  
4283009171

# Monochromacy



**Original Color**  
4283009172

**Achromatopsia**  
4286019447

**Achromatomaly**  
4284906882

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283009172 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(73, 136, 148)` looks like.

```
.text, #text, p{  
    color:rgb(73, 136, 148)  
}
```

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(73, 136, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 136, 148) }
```

## Border

The CSS property to change the border of an element to Android 4283009172 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(73, 136, 148) }
```

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

```
.border{ border-color:rgb(73, 136, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 136, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 136, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 136, 148);  
box-shadow:4px 4px 4px 4px rgb(73, 136,  
148) }
```

# Background

The CSS property to change the background color of an element to Android 4283009172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 136, 148) }
```

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

```
.background{ background-color: rgb(73, 136,  
148) }
```

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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