

# Converting Colors

Android(4278488214)

Have a look what the booklet for  
Android(4278488214) contains.

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# Color

**Android(4278488214)**

# Conversions

## Conversions Part 1

Format	Color
Hex	048C96
RGB	4, 140, 150
RGB Percent	2%, 55%, 59%
CMY	0.9843, 0.4510, 0.4118
CMYK	0.97, 0.07, 0.00, 0.41
HSL	184°, 95%, 30%
HSV	184°, 97%, 59%
XYZ	14.9332, 20.9840, 32.1174
YIQ	100.4760, -84.2660, -25.7220

# Conversions

## Conversions Part 2

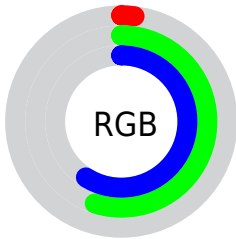
<b>Format</b>	<b>Color</b>
<b>RYB</b>	4, 74, 150
Decimal	298134
CIELab	52.93, -27.32, -14.29
CIELCh	53, 30.831, 207.605
Yxy	20.9840, 0.2195, 0.3084
Android (android.graphics.Color)	4278488214 (0xFF048C96)
YUV	100.4760, 24.4153, -84.6095
Hunter-Lab	45.8083, -21.9748, -9.5040

# Details

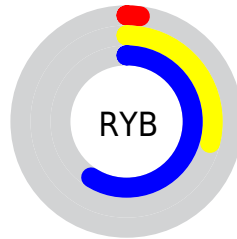
The Android color `4278488214` is a dark color, and the websafe version is hex `339999`. A complement of this color would be `4288024068`, and the grayscale version is `4284769380`.

A 20% lighter version of the original color is `4284072652`, and `4278212963` is the 20% darker color. If you saturate the color by 10%, you get `4278226070`, and if you desaturate by 10%, it is `4279471510`.

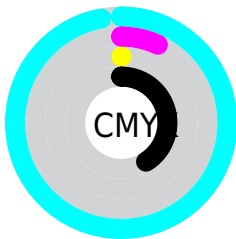
# Distribution



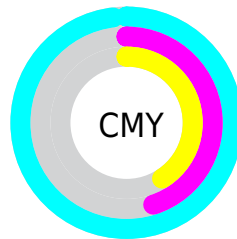
- Red (2%)
- Green (55%)
- Blue (59%)



- Red (2%)
- Yellow (29%)
- Blue (59%)



- Cyan (97%)
- Magenta (7%)
- Yellow (0%)
- Black (41%)



- Cyan (98%)
- Magenta (45%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278488214 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 4278488214 by changing the saturation by 10% instead.





4278488214



4278488214

4294967295



4278219388



4284072652



4278212963



4286045928



4278206795



4287953919



4278201141



4289921023



4278194976



4291821567



4278190085



4293787647



4278190080



4278488214



4278488214



4278226070



4279471510

 4280454806

 4281438102

 4282421398

 4283404694

 4284387990

 4285371286

 4286354582

 4287337878

# Harmonies

## Analogous

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



4281568379



4278488214



4280387754

# Triad

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



4278488214



4288573339



4287790153

# Complementary

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



4278488214



4288024068

# 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.



4289098578



4278488214



4289686146

# Square

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



4278488214



4286478509



4289817447



4286022734

# Rectangle

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



4278488214



4282680498



4289817447



4288248139



# Sweetspot

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



4278488214



4287282882



4278490638



4282343265



4292927712



4284572001



# Same Dimension

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



4278488214



4278236610



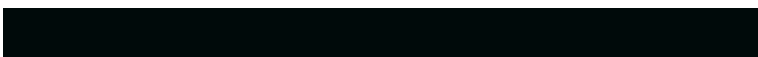
4278469526



4282599754



4278222986



4278192650



# Inverse Universe

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



4288021644



4290904245



4288042756



4283056969



4287234176



4278845450



# Previews

## White Background



This preview shows how the Android color 4278488214 looks on a white background.

## Color Contrast Check

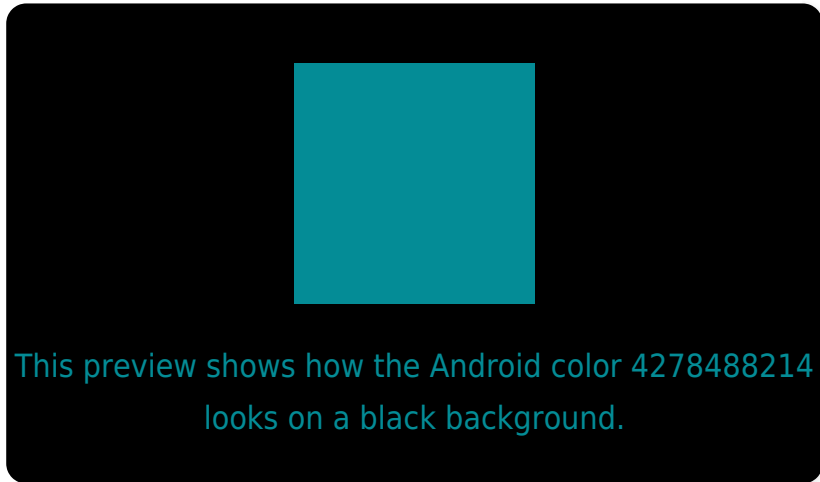
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278488214 Background



This preview shows how black text looks on a background with the Android color 4278488214.

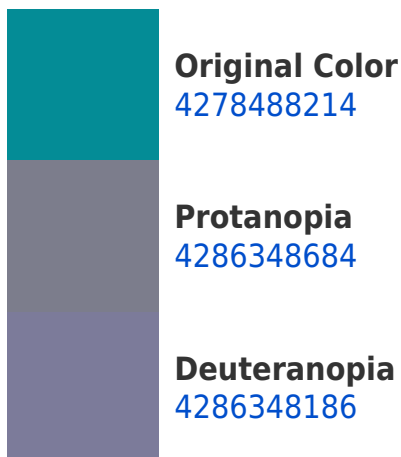


This preview shows how white text looks on a background with the Android color 4278488214.

# 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**  
4278488214

**Protanomaly**  
4283466384

**Deuteranomaly**  
4283466137

**Tritanomaly**  
4278750359

# Monochromacy



**Original Color**  
4278488214

**Achromatopsia**  
4284769380

**Achromatomaly**  
4282479478

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278488214 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(4, 140, 150)` looks like.

```
.text, #text, p{  
    color:rgb(4, 140, 150)  
}
```

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(4, 140, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 140, 150) }
```

## Border

The CSS property to change the border of an element to Android 4278488214 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(4, 140, 150) }
```

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

```
.border{ border-color:rgb(4, 140, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(4, 140, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 140, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(4, 140, 150);  
box-shadow:4px 4px 4px 4px rgb(4, 140,  
150) }
```

# Background

The CSS property to change the background color of an element to Android 4278488214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 140, 150) }
```

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

```
.background{ background-color: rgb(4, 140,  
150) }
```

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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