

# Converting Colors

Android(4278228121)

Have a look what the booklet for  
Android(4278228121) contains.

<b>Android(4278228121)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Android(4278228121)**

# Conversions

## Conversions Part 1

Format	Color
Hex	009499
RGB	0, 148, 153
RGB Percent	0%, 58%, 60%
CMY	1.0000, 0.4196, 0.4000
CMYK	1.00, 0.03, 0.00, 0.40
HSL	182°, 100%, 30%
HSV	182°, 100%, 60%
XYZ	16.3397, 23.4797, 33.8078
YIQ	104.3180, -89.8130, -29.8210

# Conversions

## Conversions Part 2

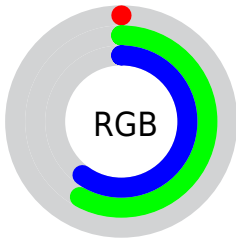
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 75, 153
Decimal	38041
CIELab	55.56, -30.44, -12.05
CIELCh	56, 32.741, 201.587
Yxy	23.4797, 0.2219, 0.3189
Android (android.graphics.Color)	4278228121 (0xFF009499)
YUV	104.3180, 24.0002, -91.4869
Hunter-Lab	48.4559, -24.6063, -7.4477

# Details

The Android color `4278228121` is a dark color, and the websafe version is hex `009999`. A complement of this color would be `4288218368`, and the grayscale version is `4285032552`.

A 20% lighter version of the original color is `4284140495`, and `4278215014` is the 20% darker color. If you saturate the color by 10%, you get `4278228121`, and if you desaturate by 10%, it is `4279211417`.

# Distribution



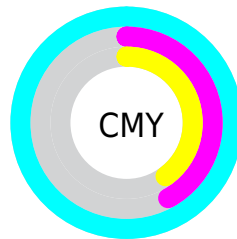
- Red (0%)
- Green (58%)
- Blue (60%)



- Red (0%)
- Yellow (29%)
- Blue (60%)



- Cyan (100%)
- Magenta (3%)
- Yellow (0%)
- Black (40%)



- Cyan (100%)
- Magenta (42%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278228121 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 4278228121 by changing the saturation by 10% instead.



 4278228121

 4278228121

4294967295

 4278221439

 4284140495

 4278215014

 4286113771

 4278208590

 4288086015

 4278202679

 4290052095

 4278197538

 4291952639

 4278190091

 4293984255

 4278190080

 4278228121

 4279211417

■ 4280259993

■ 4281243289

■ 4282226329

■ 4283275161

■ 4284258201

■ 4285241497

■ 4286224537

■ 4287273369

# Harmonies

## Analogous

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



4282094716



4278228121



4279013809

# Triad

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



4278228121



4288771753



4288643405

# Complementary

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



4278228121



4288218368

# 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.



4289951578



4278228121



4290211982

# Square

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



4278228121



4286415290



4290539634



4286810703

# Rectangle

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



4278228121



4282027450



4290539634



4289166671



# Sweetspot

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



4278228121



4287350215



4278229251



4282409571



4293125091



4284703587



# Same Dimension

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



4278228121



4278239431



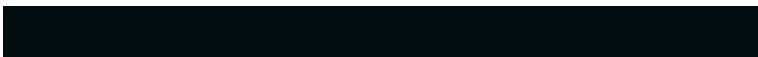
4278209177



4282731597



4278225036



4278193165



# Inverse Universe

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



4288217236



4291231936



4288237312



4283254092



4287365256



4279042060



# Previews

## White Background



This preview shows how the Android color 4278228121 looks on a white background.

## Color Contrast Check

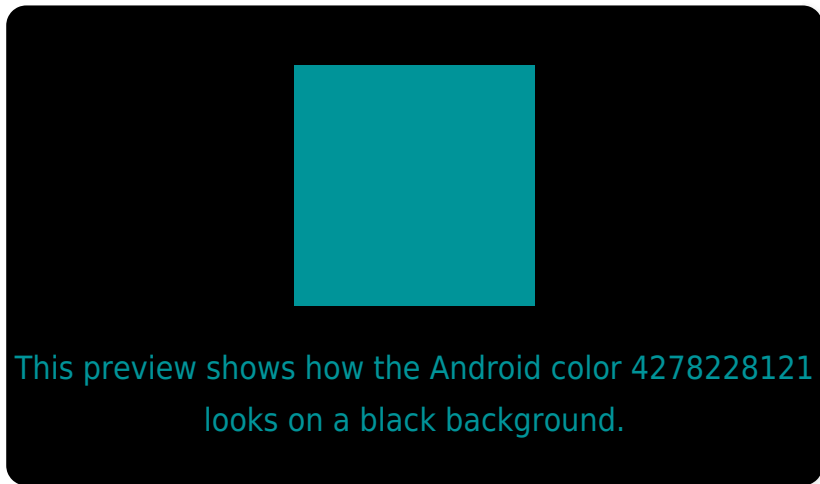
Large Text (above 18pt) WCAG AA ✓ Pass

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

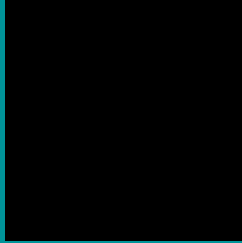
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



# Android 4278228121 Background



This preview shows how black text looks on a background with the Android color 4278228121.



This preview shows how white text looks on a background with the Android color 4278228121.

# 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**

4278228121



**Protanomaly**

4283730579



**Deuteranomaly**

4283795612



**Tritanomaly**

4279079837

# Monochromacy



**Original Color**

4278228121



**Achromatopsia**

4285032552



**Achromatomaly**

4282546298

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278228121 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(0, 148, 153)` looks like.

```
.text, #text, p{  
    color:rgb(0, 148, 153)  
}
```

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(0, 148, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 148, 153) }
```

## Border

The CSS property to change the border of an element to Android 4278228121 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(0, 148, 153) }
```

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

```
.border{ border-color:rgb(0, 148, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 148, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 148, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 148, 153);  
box-shadow:4px 4px 4px 4px rgb(0, 148,  
153) }
```

# Background

The CSS property to change the background color of an element to Android 4278228121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 148, 153) }
```

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

```
.background{ background-color: rgb(0, 148,  
153) }
```

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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