

# Converting Colors

Android(4278212451)

Have a look what the booklet for  
Android(4278212451) contains.

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# Color

**Android(4278212451)**

# Conversions

## Conversions Part 1

Format	Color
Hex	005763
RGB	0, 87, 99
RGB Percent	0%, 34%, 39%
CMY	1.0000, 0.6588, 0.6118
CMYK	1.00, 0.12, 0.00, 0.61
HSL	187°, 100%, 19%
HSV	187°, 100%, 39%
XYZ	5.6603, 7.7172, 12.9956
YIQ	62.3550, -55.7040, -14.7120

# Conversions

## Conversions Part 2

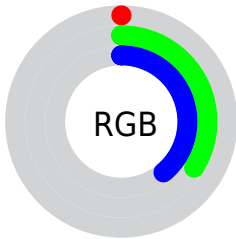
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 46, 99
Decimal	22371
CIELab	33.39, -17.62, -13.32
CIELCh	33, 22.088, 217.092
Yxy	7.7172, 0.2146, 0.2926
Android (android.graphics.Color)	4278212451 (0xFF005763)
YUV	62.3550, 18.0660, -54.6853
Hunter-Lab	27.7799, -12.2444, -8.2903

# Details

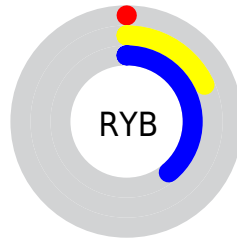
The Android color `4278212451` is a dark color, and the websafe version is hex `336666`. A complement of this color would be `4284681216`, and the grayscale version is `4282269246`.

A 20% lighter version of the original color is `4282812822`, and `4278200628` is the 20% darker color. If you saturate the color by 10%, you get `4278212451`, and if you desaturate by 10%, it is `4278868067`.

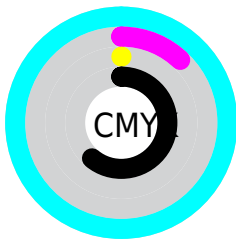
# Distribution



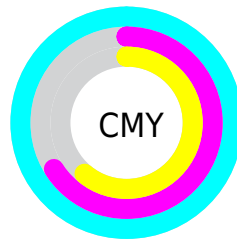
- Red (0%)
- Green (34%)
- Blue (39%)



- Red (0%)
- Yellow (18%)
- Blue (39%)



- Cyan (100%)
- Magenta (12%)
- Yellow (0%)
- Black (61%)



- Cyan (100%)
- Magenta (66%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278212451 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 4278212451 by changing the saturation by 10% instead.





4278212451



4278212451

4294967295



4278206539



4282812822



4278200628



4284588976



4278195487



4286365644



4278190085



4288207592



4278190080



4290050047



4291952639



4293853183



4278212451

■ 4278868067

■ 4279523683

■ 4280179555

■ 4280835171

■ 4281490787

■ 4282080867

■ 4282736483

■ 4283392355

■ 4284047971

# Harmonies

## Analogous

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



4279523410



4278212451



4280046702

# Triad

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



4278212451



4285023068



4283846443

# Complementary

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



4278212451



4284681216

# 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.



4284827951



4278212451



4285546827

# Square

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



4278212451



4283844714



4285481786



4282602546

# Rectangle

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



4278212451



4281487729



4285481786



4284173611



# Sweetspot

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



4278212451



4284054400



4278215436



4280892736



4290756543



4282400832



# Same Dimension

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



4278212451



4278218880



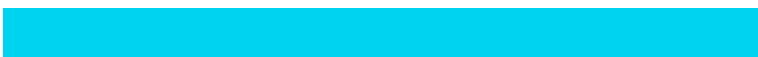
4278199907



4281086000



4278215536



4278244336



# Inverse Universe

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



4284678231



4286578800



4284693760



4281347120



4285530211



4293918931



# Previews

## White Background



This preview shows how the Android color 4278212451 looks on a white background.

## Color Contrast Check

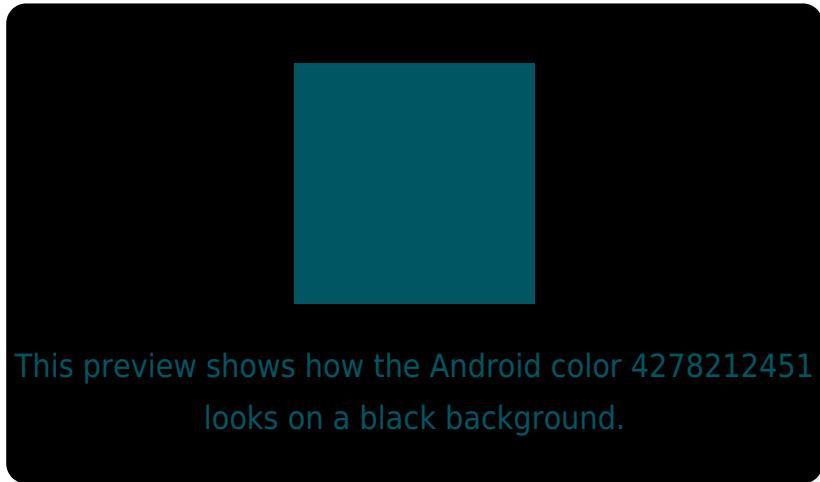
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

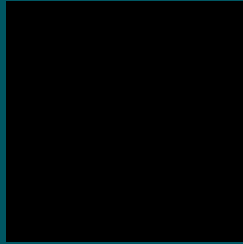
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4278212451 Background



This preview shows how black text looks on a background with the Android color 4278212451.

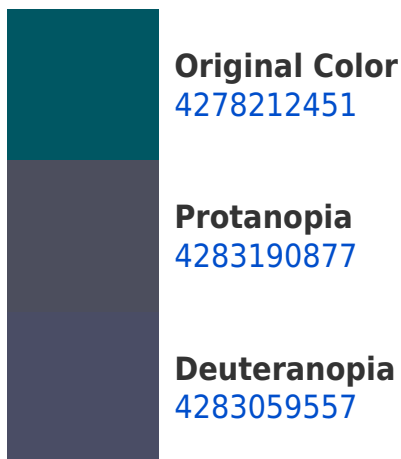


This preview shows how white text looks on a background with the Android color 4278212451.

# Color Blindness Simulation

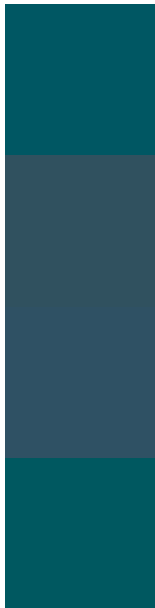
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



**Original Color**  
4278212451

**Protanomaly**  
4281356639

**Deuteranomaly**  
4281291108

**Tritanomaly**  
4278212704

# Monochromacy



**Original Color**  
4278212451

**Achromatopsia**  
4282269246

**Achromatomaly**  
4280764235

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278212451 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, 87, 99)` looks like.

```
.text, #text, p{  
    color:rgb(0, 87, 99)  
}
```

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, 87, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 87, 99) }
```

## Border

The CSS property to change the border of an element to Android 4278212451 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, 87, 99) }
```

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

```
.border{ border-color:rgb(0, 87, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 87, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 87, 99); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 87, 99); box-shadow:4px  
4px 4px 4px rgb(0, 87, 99) }
```

# Background

The CSS property to change the background color of an element to Android 4278212451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 87, 99) }
```

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

```
.background{ background-color: rgb(0, 87,  
99) }
```

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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