

# Converting Colors

Android(4278205249)

Have a look what the booklet for  
Android(4278205249) contains.

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# Color

**Android(4278205249)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	003B41
RGB	0, 59, 65
RGB Percent	0%, 23%, 25%
CMY	1.0000, 0.7686, 0.7451
CMYK	1.00, 0.09, 0.00, 0.75
HSL	186°, 100%, 13%
HSV	186°, 100%, 25%
XYZ	2.5181, 3.5096, 5.5457
YIQ	42.0430, -37.0900, -10.6420

# Conversions

## Conversions Part 2

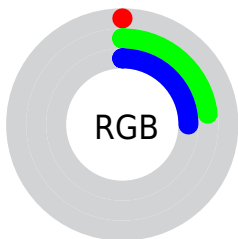
Format	Color
<a href="#">RYB</a>	<a href="#">0, 31, 65</a>
Decimal	<a href="#">15169</a>
CIELab	<a href="#">21.98, -14.65, -8.66</a>
CIELCh	<a href="#">22, 17.013, 210.579</a>
Yxy	<a href="#">3.5096, 0.2176, 0.3032</a>
Android (android.graphics.Color)	<a href="#">4278205249 (0xFF003B41)</a>
YUV	<a href="#">42.0430, 11.3178, -36.8717</a>
Hunter-Lab	<a href="#">18.7339, -8.7914, -4.4377</a>

# Details

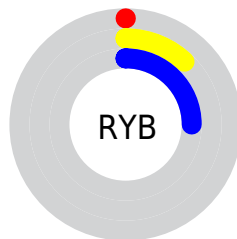
The Android color **4278205249** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4282451456**, and the grayscale version is **4280953386**.

A 20% lighter version of the original color is **4282018417**, and **4278193687** is the 20% darker color. If you saturate the color by 10%, you get **4278205249**, and if you desaturate by 10%, it is **4278598721**.

# Distribution



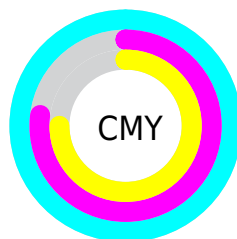
- Red (0%)
- Green (23%)
- Blue (25%)



- Red (0%)
- Yellow (12%)
- Blue (25%)



- Cyan (100%)
- Magenta (9%)
- Yellow (0%)
- Black (75%)



- Cyan (100%)
- Magenta (77%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278205249 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 4278205249 by changing the saturation by 10% instead.



 4278205249

 4278205249

 4294443007

 4278199595

 4282018417

 4278193687

 4283663498

 4278190080

 4285374116

 4287084992

 4288861659

 4290703864

 4292542463

 4278205249

■ 4278598721

■ 4279057473

■ 4279516481

■ 4279909697

■ 4280368705

■ 4280762177

■ 4281155393

■ 4281614401

■ 4282073153

# Harmonies

## Analogous

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



4279188276



4278205249



4278925642

# Triad

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



4278205249



4282723649



4282201115

# Complementary

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



4278205249



4282451456

# 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.



4282855455



4278205249



4283181877

# Square

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



4278205249



4281741642



4283247656



4281284638

# Rectangle

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



4278205249



4279973709



4283247656



4282397212



# Sweetspot

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



4278205249



4282077780



4278206725



4280035883



4289440683



4281019179



# Same Dimension

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



4278205249



4278209620



4278197057



4280164641



4278212705



4278242528



# Inverse Universe

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



4282449979



4283695180



4282459648



4280360481



4284547160



4292870348



# Previews

## White Background



This preview shows how the Android color 4278205249 looks on a white background.

## Color Contrast Check

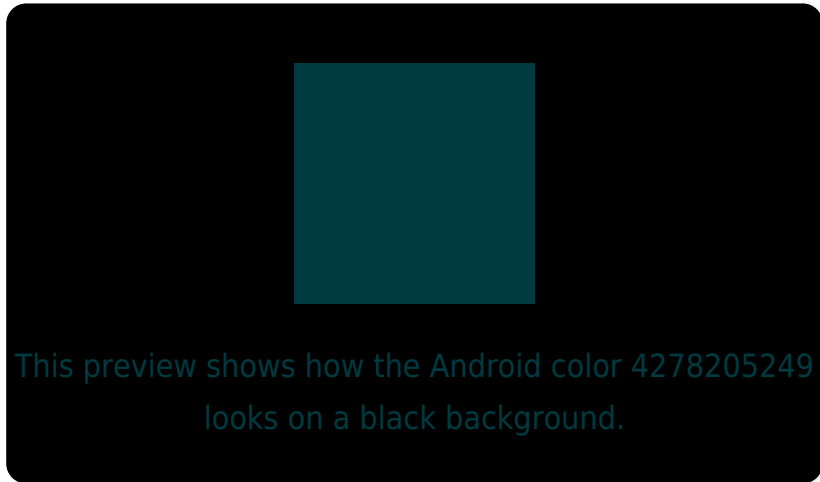
Large Text (above 18pt) WCAG AA ✓ Pass

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

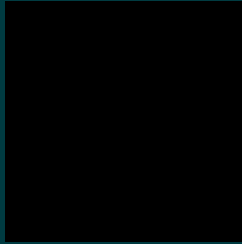
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4278205249 Background



This preview shows how black text looks on a background with the Android color 4278205249.



This preview shows how white text looks on a background with the Android color 4278205249.

# 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



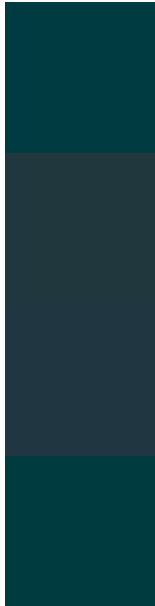
**Original Color**  
4278205249

**Protanopia**  
4281611581

**Deuteranopia**  
4281545795



# Trichromacy



**Original Color**

4278205249

**Protanomaly**

4280366910

**Deuteranomaly**

4280301378

**Tritanomaly**

4278205248

# Monochromacy



**Original Color**

4278205249

**Achromatopsia**

4280953386

**Achromatomaly**

4279971890

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278205249 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, 59, 65)` looks like.

```
.text, #text, p{  
    color:rgb(0, 59, 65)  
}
```

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, 59, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 59, 65) }
```

## Border

The CSS property to change the border of an element to Android 4278205249 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, 59, 65) }
```

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

```
.border{ border-color:rgb(0, 59, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 59, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 59, 65); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 59, 65); box-shadow:4px  
4px 4px 4px rgb(0, 59, 65) }
```

# Background

The CSS property to change the background color of an element to Android 4278205249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 59, 65) }
```

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

```
.background{ background-color: rgb(0, 59,  
65) }
```

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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