

# Converting Colors

Android(4278213203)

Have a look what the booklet for  
Android(4278213203) contains.

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# Color

**Android(4278213203)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	005A53
RGB	0, 90, 83
RGB Percent	0%, 35%, 33%
CMY	1.0000, 0.6471, 0.6745
CMYK	1.00, 0.00, 0.08, 0.65
HSL	175°, 100%, 18%
HSV	175°, 100%, 35%
XYZ	5.2175, 7.9369, 9.4406
YIQ	62.2920, -51.3930, -21.2570

# Conversions

## Conversions Part 2

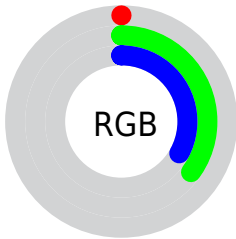
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 47, 90
Decimal	23123
CIELab	33.85, -24.85, -2.57
CIELCh	34, 24.983, 185.905
Yxy	7.9369, 0.2309, 0.3513
Android (android.graphics.Color)	4278213203 (0xFF005A53)
YUV	62.2920, 10.2090, -54.6301
Hunter-Lab	28.1724, -16.2438, -0.1474

# Details

The Android color `4278213203` is a dark color, and the websafe version is hex `006666`. A complement of this color would be `4284088327`, and the grayscale version is `4282269246`.

A 20% lighter version of the original color is `4282682756`, and `4278201126` is the 20% darker color. If you saturate the color by 10%, you get `4278213203`, and if you desaturate by 10%, it is `4278803028`.

# Distribution



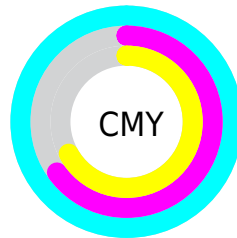
- Red (0%)
- Green (35%)
- Blue (33%)



- Red (0%)
- Yellow (18%)
- Blue (35%)



- Cyan (100%)
- Magenta (0%)
- Yellow (8%)
- Black (65%)



- Cyan (100%)
- Magenta (65%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278213203 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 4278213203 by changing the saturation by 10% instead.



 4278213203

 4278213203

4294967295

 4278207036

 4282682756

 4278201126

 4284458910

 4278195730

 4286235577

 4278190080

 4288012245

 4289854449

 4291690495

 4293591039

 4278213203

■ 4278803028

■ 4279392852

■ 4279982677

■ 4280572502

■ 4281162327

■ 4281752151

■ 4282341976

■ 4282931801

■ 4283521625

# Harmonies

## Analogous

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



4280965439



4278213203



4278212966

# Triad

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



4278213203



4283910512



4285090092

# Complementary

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



4278213203



4284088327

# 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.



4285809209



4278213203



4285284960

# Square

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



4278213203



4281880695



4285874252



4283977767

# Rectangle

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



4278213203



4278212464



4285874252



4285417007



# Sweetspot

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



4278213203



4283594099



4278737408



4280695609



4290427578



4282071867



# Same Dimension

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



4278213203



4278220140



4278203738



4280888878



4278218341



4278250971



# Inverse Universe

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



4284088327



4285857801



4284098048



4281215274



4285399049



4293722130



# Previews

## White Background



This preview shows how the Android color 4278213203 looks on a white background.

## Color Contrast Check

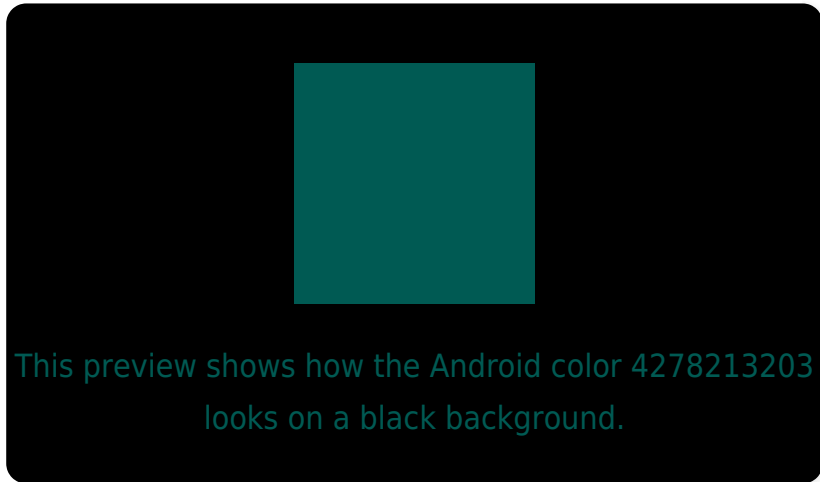
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278213203 Background



This preview shows how black text looks on a background with the Android color 4278213203.



This preview shows how white text looks on a background with the Android color 4278213203.

# 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**

4278213203

**Protanopia**

4283584333

**Deuteranopia**

4283780438



# Trichromacy



**Original Color**  
4278213203

**Protanomaly**  
4281619279

**Deuteranomaly**  
4281750101

**Tritanomaly**  
4279130459

# Monochromacy



**Original Color**  
4278213203

**Achromatopsia**  
4282269246

**Achromatomaly**  
4280764486

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278213203 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, 90, 83)` looks like.

```
.text, #text, p{  
    color:rgb(0, 90, 83)  
}
```

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, 90, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 90, 83) }
```

## Border

The CSS property to change the border of an element to Android 4278213203 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, 90, 83) }
```

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

```
.border{ border-color:rgb(0, 90, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 90, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 90, 83); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 90, 83); box-shadow:4px  
4px 4px 4px rgb(0, 90, 83) }
```

# Background

The CSS property to change the background color of an element to Android 4278213203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 90, 83) }
```

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

```
.background{ background-color: rgb(0, 90,  
83) }
```

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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