

# Converting Colors

Android(4278219083)

Have a look what the booklet for  
Android(4278219083) contains.

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# Color

**Android(4278219083)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00714B
RGB	0, 113, 75
RGB Percent	0%, 44%, 29%
CMY	1.0000, 0.5569, 0.7059
CMYK	1.00, 0.00, 0.34, 0.56
HSL	160°, 100%, 22%
HSV	160°, 100%, 44%
XYZ	7.1751, 12.3183, 8.6561
YIQ	74.8810, -55.1500, -35.7740

# Conversions

## Conversions Part 2

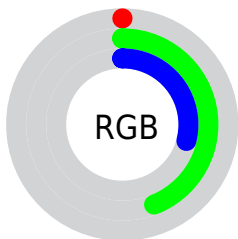
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 68, 113
Decimal	29003
CIELab	41.72, -37.47, 13.52
CIELCh	42, 39.829, 160.163
Yxy	12.3183, 0.2549, 0.4376
Android (android.graphics.Color)	4278219083 (0xFF00714B)
YUV	74.8810, 0.0587, -65.6706
Hunter-Lab	35.0974, -24.9288, 9.9454

# Details

The Android color `4278219083` is a dark color, and the websafe version is hex `006633`. A complement of this color would be `4285595686`, and the grayscale version is `4283124555`.

A 20% lighter version of the original color is `4283082364`, and `4278206495` is the 20% darker color. If you saturate the color by 10%, you get `4278219083`, and if you desaturate by 10%, it is `4278939983`.

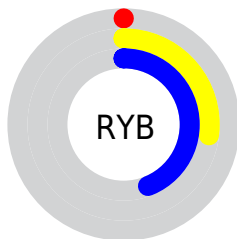
# Distribution



Red (0%)

Green (44%)

Blue (29%)



Red (0%)

Yellow (27%)

Blue (44%)

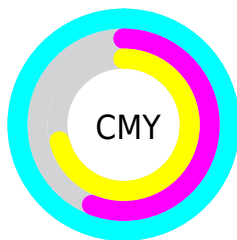


Cyan (100%)

Magenta (0%)

Yellow (34%)

Black (56%)



Cyan (100%)

Magenta (56%)

Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278219083 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 4278219083 by changing the saturation by 10% instead.



 4278219083

 4278219083

4294967295

 4278212660

 4283082364

 4278206495

 4284924310

 4278200840

 4286700977

 4278193152

 4288543436

 4278190080

 4290445288

 4292345855

 4294246399

 4278219083

■ 4278939983

■ 4279726419

■ 4280447318

■ 4281168218

■ 4281954654

■ 4282675554

■ 4283396454

■ 4284117353

■ 4284903789

# Harmonies

## Analogous

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



4282805294



4278219083



4278219629

# Triad

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



4278219083



4282016419



4288236602

# Complementary

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



4278219083



4285595686

# 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.



4288628057



4278219083



4285748629

# Square

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



4278219083



4278217888



4287842681



4286994723

# Rectangle

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



4278219083



4278219394



4287842681



4288497987



# Sweetspot

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



4278219083



4285043845



4280840448



4281289281



4291414473



4283058762



# Same Dimension

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



4278219083



4278228066



4278214769



4281481270



4278220880



4278253476



# Inverse Universe

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



4285595686



4287889458



4285600000



4281872948



4286054440



4294377555



# Previews

## White Background



This preview shows how the Android color 4278219083 looks on a white background.

## Color Contrast Check

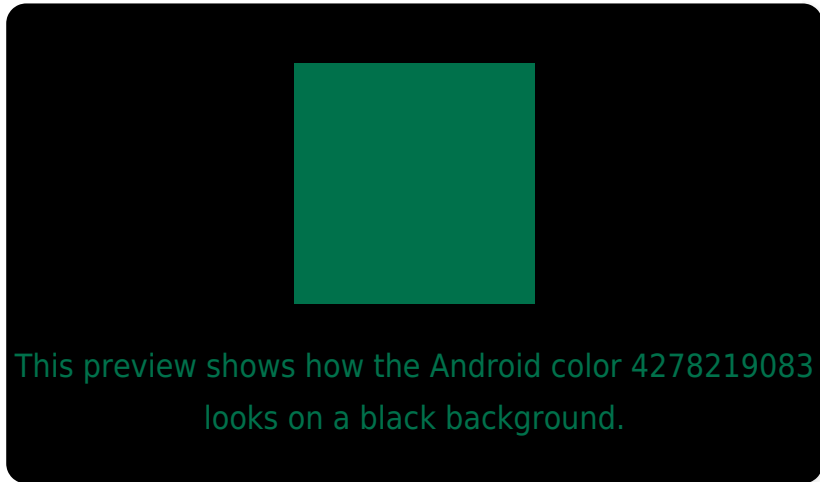
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black 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

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



# Android 4278219083 Background



This preview shows how black text looks on a background with the Android color 4278219083.



This preview shows how white text looks on a background with the Android color 4278219083.

# 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**  
4278219083

**Protanopia**  
4285162053

**Deuteranopia**  
4285685327



# Trichromacy



**Original Color**  
4278219083

**Protanomaly**  
4282607431

**Deuteranomaly**  
4283000142

**Tritanomaly**  
4279856742

# Monochromacy



**Original Color**  
4278219083

**Achromatopsia**  
4283124555

**Achromatomaly**  
4281358667

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278219083 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, 113, 75)` looks like.

```
.text, #text, p{  
    color:rgb(0, 113, 75)  
}
```

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, 113, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 113, 75) }
```

## Border

The CSS property to change the border of an element to Android 4278219083 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, 113, 75) }
```

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

```
.border{ border-color:rgb(0, 113, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 113, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 113, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 113, 75);  
box-shadow:4px 4px 4px 4px rgb(0, 113, 75)  
}
```

# Background

The CSS property to change the background color of an element to Android 4278219083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 113, 75) }
```

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

```
.background{ background-color: rgb(0, 113,  
75) }
```

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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