

# Converting Colors

Android(4278219283)

Have a look what the booklet for  
Android(4278219283) contains.

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# Color

**Android(4278219283)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	007213
RGB	0, 114, 19
RGB Percent	0%, 45%, 7%
CMY	1.0000, 0.5529, 0.9255
CMYK	1.00, 0.00, 0.83, 0.55
HSL	130°, 100%, 22%
HSV	130°, 100%, 45%
XYZ	6.1349, 12.0816, 2.6247
YIQ	69.0840, -37.4490, -53.7130

# Conversions

## Conversions Part 2

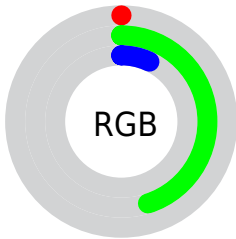
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 98, 114
Decimal	29203
CIELab	41.35, -46.61, 41.10
CIELCh	41, 62.142, 138.598
Yxy	12.0816, 0.2944, 0.5797
Android (android.graphics.Color)	4278219283 (0xFF007213)
YUV	69.0840, -24.6914, -60.5867
Hunter-Lab	34.7587, -29.3226, 19.8539

# Details

The Android color `4278219283` is a dark color, and the websafe version is hex `006600`. A complement of this color would be `4285661279`, and the grayscale version is `4282729797`.

A 20% lighter version of the original color is `4283213639`, and `4278206464` is the 20% darker color. If you saturate the color by 10%, you get `4278219283`, and if you desaturate by 10%, it is `4278940188`.

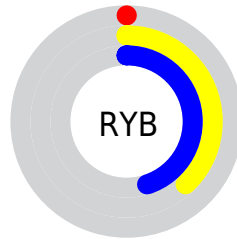
# Distribution



Red (0%)

Green (45%)

Blue (7%)



Red (0%)

Yellow (38%)

Blue (45%)

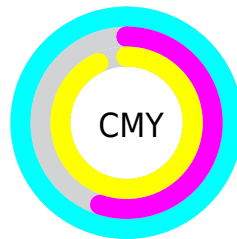


Cyan (100%)

Magenta (0%)

Yellow (83%)

Black (55%)



Cyan (100%)

Magenta (55%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278219283 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 4278219283 by changing the saturation by 10% instead.



 4278219283

 4278219283

4294967295

 4278212864

 4283213639

 4278206464

 4285055840

 4278201088

 4286898042

 4278192384

 4288806036

 4278190080

 4290641840

 4292542412

 4294508520

 4278219283

 4278940188

 4279726630

 4280447536

 4281233977

 4281954882

 4282675788

 4283462230

 4284183135

 4284969577

# Harmonies

## Analogous

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



4284049664



4278219283



4278220364

# Triad

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



4278219283



4278218182



4290323780

# Complementary

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



4278219283



4285661279

# 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.



4289799543



4278219283



4280507843

# Square

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



4278219283



4278220462



4287251110



4289282066

# Rectangle

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



4278219283



4278220911



4287251110



4290388053



# Sweetspot

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



4278219283



4285043823



4284445184



4281289268



4291414473



4283058762



# Same Dimension

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



4278219283



4278227993



4278219340



4281481267



4278220820



4278253353



# Inverse Universe

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



4285661279



4287889531



4285661222



4281872951



4286054500

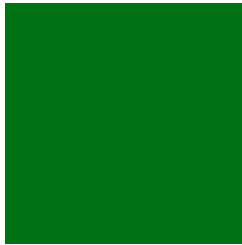


4294377678



# Previews

## White Background



This preview shows how the Android color 4278219283 looks on a white background.

## Color Contrast Check

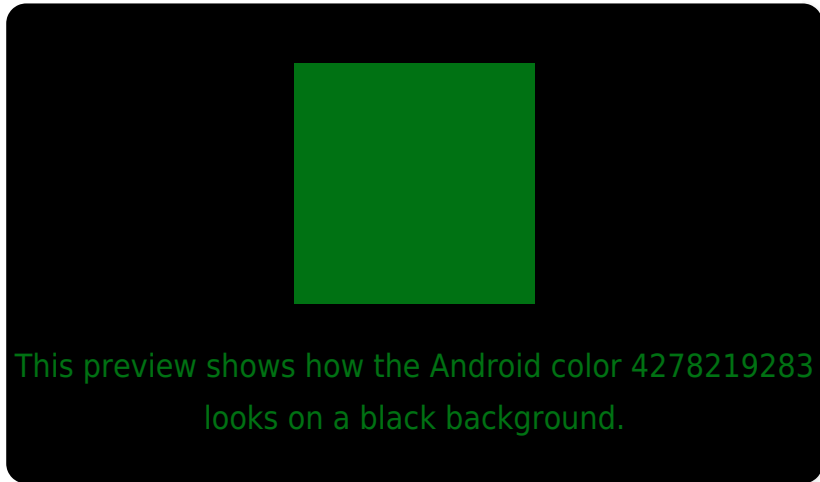
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278219283 Background



This preview shows how black text looks on a background with the Android color 4278219283.



This preview shows how white text looks on a background with the Android color 4278219283.

# 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**  
4278219283

**Protanopia**  
4285424142

**Deuteranopia**  
4286209311



# Trichromacy



**Original Color**

4278219283



**Protanomaly**

4282804240



**Deuteranomaly**

4283327771



**Tritanomaly**

4280184144

# Monochromacy



**Original Color**

4278219283



**Achromatopsia**

4282729797



**Achromatomaly**

4281095475

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278219283 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, 114, 19)` looks like.

```
.text, #text, p{  
    color:rgb(0, 114, 19)  
}
```

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, 114, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 114, 19) }
```

## Border

The CSS property to change the border of an element to Android 4278219283 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, 114, 19) }
```

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

```
.border{ border-color:rgb(0, 114, 19) }
```

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

Here you see how a box with a 4 pixel rgb(0, 114, 19) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 114, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 114, 19);  
box-shadow:4px 4px 4px 4px rgb(0, 114, 19)  
}
```

# Background

The CSS property to change the background color of an element to Android 4278219283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 114, 19) }
```

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

```
.background{ background-color: rgb(0, 114,  
19) }
```

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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