

# Converting Colors

Android(4279978282)

Have a look what the booklet for  
Android(4279978282) contains.

<b>Android(4279978282)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Android(4279978282)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1B492A
RGB	27, 73, 42
RGB Percent	11%, 29%, 16%
CMY	0.8941, 0.7137, 0.8353
CMYK	0.63, 0.00, 0.42, 0.71
HSL	140°, 46%, 20%
HSV	140°, 63%, 29%
XYZ	3.2525, 5.1653, 3.0161
YIQ	55.7120, -17.4650, -19.3930

# Conversions

## Conversions Part 2

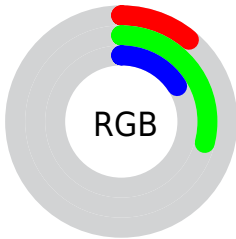
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	27, 62, 73
Decimal	1788202
CIE <sub>Lab</sub>	27.20, -23.88, 13.97
CIE <sub>LCh</sub>	27, 27.667, 149.674
Yxy	5.1653, 0.2845, 0.4518
Android (android.graphics.Color)	4279978282 (0xFF1B492A)
YUV	55.7120, -6.7600, -25.1804
Hunter-Lab	22.7272, -14.2278, 8.0409




# Details

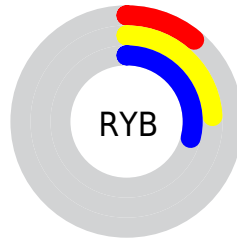
The Android color **4279978282** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **4282981178**, and the grayscale version is **4281874488**.




A 20% lighter version of the original color is **4283202136**, and **4278197760** is the 20% darker color. If you saturate the color by 10%, you get **4279519525**, and if you desaturate by 10%, it is **4280437039**.

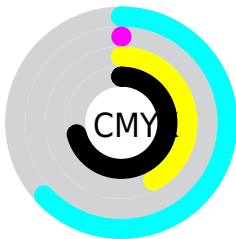
# Distribution







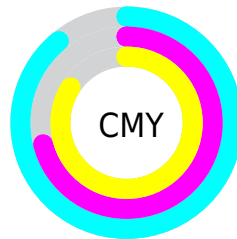
-  Red (11%)
-  Green (29%)
-  Blue (16%)






-  Red (11%)
-  Yellow (24%)
-  Blue (29%)



-  Cyan (63%)
-  Magenta (0%)
-  Yellow (42%)
-  Black (71%)



-  Cyan (89%)
-  Magenta (71%)
-  Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4279978282 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 4279978282 by changing the saturation by 10% instead.





4279978282



4279978282

4294967295



4278268437



4283202136



4278197760



4284847216



4278190080



4286492554



4288268964



4290045887



4291887067



4293722104



4279978282



4279978282

■ 4279519525

■ 4280437039

■ 4278995232

■ 4280961332

■ 4278536475

■ 4281420089

■ 4278208792

■ 4281878846

■ 4282403139

■ 4282861896

■ 4283320652

■ 4283779409

■ 4284303702

# Harmonies

## Analogous

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



4281812250



4279978282



4278209343

# Triad

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



4279978282



4279518058



4284952621

# Complementary

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



4279978282



4282981178

# 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.



4284886593



4279978282



4282465125

# Square

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



4279978282



4278208612



4284101206



4284299036

# Rectangle

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



4279978282



4278209358



4284101206



4285017907



# Sweetspot

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



4279978282



4283194962



4282009883



4280627241



4289769648



4281348144



# Same Dimension

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



4279978282



4279721518



4279978305



4280296481



4278215456



4278248266



# Inverse Universe

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



4282981178



4284356423



4282981155



4280557603



4284678211

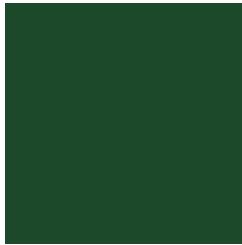


4293066905



# Previews

## White Background



This preview shows how the Android color 4279978282 looks on a white background.

## Color Contrast Check

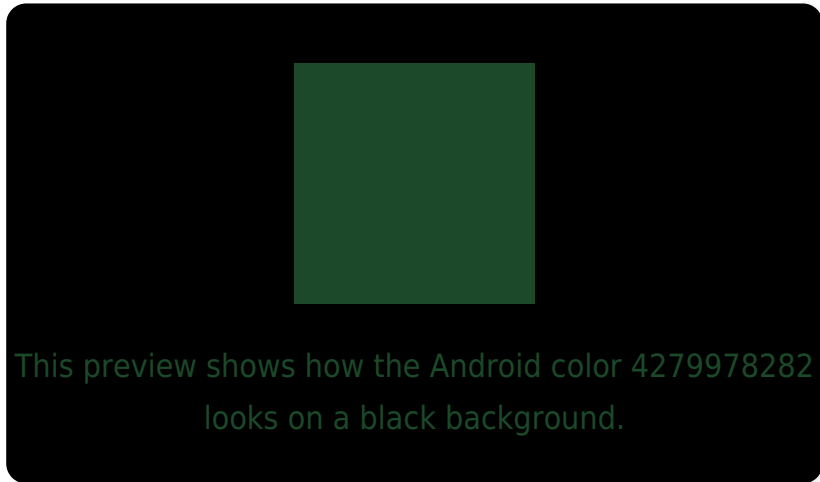
Large Text (above 18pt) WCAG AA ✓ Pass

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

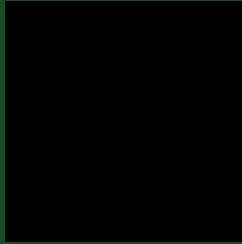
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4279978282 Background



This preview shows how black text looks on a background with the Android color 4279978282.



This preview shows how white text looks on a background with the Android color 4279978282.

# 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**

4279978282

**Protanopia**

4282794023

**Deuteranopia**

4283186477



# Trichromacy



**Original Color**  
4279978282

**Protanomaly**  
4281746216

**Deuteranomaly**  
4282007852

**Tritanomaly**  
4280370751

# Monochromacy



**Original Color**  
4279978282

**Achromatopsia**  
4281874488

**Achromatomaly**  
4281155123

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4279978282 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(27, 73, 42)` looks like.

```
.text, #text, p{  
    color:rgb(27, 73, 42)  
}
```

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(27, 73, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 73, 42) }
```

## Border

The CSS property to change the border of an element to Android 4279978282 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(27, 73, 42) }
```

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

```
.border{ border-color:rgb(27, 73, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(27, 73, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 73, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 73, 42);  
box-shadow:4px 4px 4px 4px rgb(27, 73, 42)  
}
```

# Background

The CSS property to change the background color of an element to Android 4279978282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 73, 42) }
```

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

```
.background{ background-color: rgb(27, 73,  
42) }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor