

# Converting Colors

Android(4281497878)

Have a look what the booklet for  
Android(4281497878) contains.

<b>Android(4281497878)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Android(4281497878)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	327916
RGB	50, 121, 22
RGB Percent	20%, 47%, 9%
CMY	0.8039, 0.5255, 0.9137
CMYK	0.59, 0.00, 0.82, 0.53
HSL	103°, 69%, 28%
HSV	103°, 82%, 47%
XYZ	8.2976, 14.4108, 3.1033
YIQ	88.4850, -10.5370, -45.8410

# Conversions

## Conversions Part 2

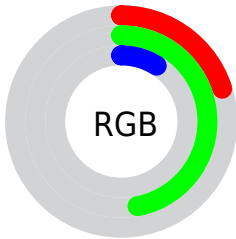
<b>Format</b>	<b>Color</b>
<b>RYB</b>	22, 121, 93
Decimal	3307798
CIELab	44.82, -40.33, 43.76
CIELCh	45, 59.515, 132.664
Yxy	14.4108, 0.3215, 0.5583
Android (android.graphics.Color)	4281497878 (0xFF327916)
YUV	88.4850, -32.7771, -33.7513
Hunter-Lab	37.9615, -27.4164, 21.7262

# Details

The Android color **4281497878** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **4284290681**, and the grayscale version is **4284045657**.

A 20% lighter version of the original color is **4285115978**, and **4278208256** is the 20% darker color. If you saturate the color by 10%, you get **4280908042**, and if you desaturate by 10%, it is **4282087714**.

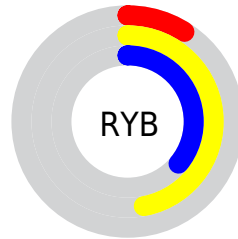
# Distribution



Red (20%)

Green (47%)

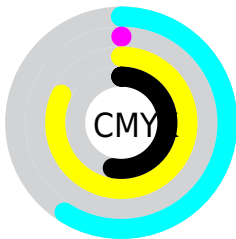
Blue (9%)



Red (9%)

Yellow (47%)

Blue (36%)

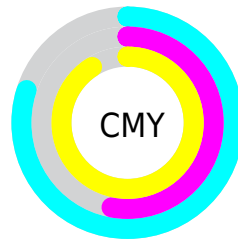


Cyan (59%)

Magenta (0%)

Yellow (82%)

Black (53%)



Cyan (80%)

Magenta (53%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281497878 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 4281497878 by changing the saturation by 10% instead.





4281497878



4281497878

4294967295



4279328768



4285115978



4278208256



4286892644



4278202368



4288734846



4278196480



4290576281



4278190080



4292476852



4294377424



4294967277



4281497878



4281497878

■ 4280908042

■ 4282087714

■ 4280449280

■ 4282612014

■ 4283201850

■ 4283791686

■ 4284315986

■ 4284905823

■ 4285495659

■ 4286019959

■ 4286609795

# Harmonies

## Analogous

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



4285361664



4281497878



4278222410

# Triad

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



4281497878



4278221001



4290851671

# Complementary

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



4281497878



4284290681

# 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.



4289936009



4281497878



4278217164

# Square

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



4281497878



4278222765



4286993076



4290135592

# Rectangle

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



4281497878



4278222957



4286993076



4290785640



# Sweetspot

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



4281497878



4286750327



4286143766



4282273591



4291809231



4283387727



# Same Dimension

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



4281497878



4281310723



4279662891



4281941303



4280515840



4282907648



# Inverse Universe

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



4284290681



4285662110



4286125668



4282070845



4284088445



4290052348



# Previews

## White Background



This preview shows how the Android color 4281497878 looks on a white background.

## Color Contrast Check

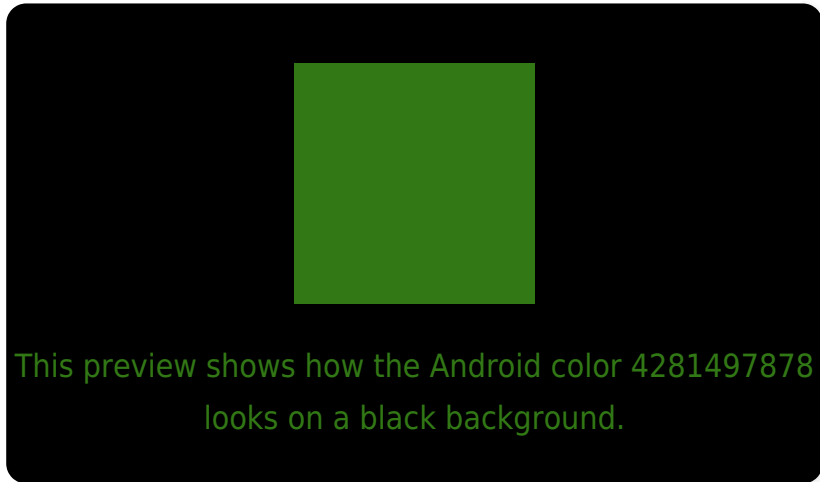
Large Text (above 18pt) WCAG AA ✓ Pass

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 4281497878 Background



This preview shows how black text looks on a background with the Android color 4281497878.



This preview shows how white text looks on a background with the Android color 4281497878.

# 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**  
4281497878

**Protanopia**  
4286016018

**Deuteranopia**  
4286866465



# Trichromacy



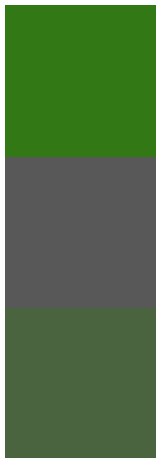
**Original Color**  
4281497878

**Protanomaly**  
4284378899

**Deuteranomaly**  
4284902429

**Tritanomaly**  
4282283094

# Monochromacy



**Original Color**  
4281497878

**Achromatopsia**  
4283979864

**Achromatomaly**  
4283065408

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281497878 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(50, 121, 22)` looks like.

```
.text, #text, p{  
    color:rgb(50, 121, 22)  
}
```

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(50, 121, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 121, 22) }
```

## Border

The CSS property to change the border of an element to Android 4281497878 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(50, 121, 22) }
```

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

```
.border{ border-color:rgb(50, 121, 22) }
```

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

Here you see how a box with a 4 pixel rgb(50, 121, 22) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 121, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 121, 22);  
box-shadow:4px 4px 4px 4px rgb(50, 121,  
22) }
```

# Background

The CSS property to change the background color of an element to Android 4281497878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 121, 22) }
```

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

```
.background{ background-color: rgb(50, 121,  
22) }
```

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