

# Converting Colors

Android(4281561904)

Have a look what the booklet for  
Android(4281561904) contains.

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# Color

**Android(4281561904)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	337330
RGB	51, 115, 48
RGB Percent	20%, 45%, 19%
CMY	0.8000, 0.5490, 0.8118
CMYK	0.56, 0.00, 0.58, 0.55
HSL	117°, 41%, 32%
HSV	117°, 58%, 45%
XYZ	8.0295, 13.1787, 4.9168
YIQ	88.2260, -16.6370, -34.4050

# Conversions

## Conversions Part 2

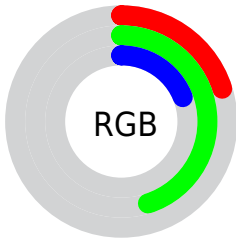
Format	Color
<b>RYB</b>	48, 115, 112
Decimal	3371824
CIELab	43.03, -35.05, 30.56
CIElCh	43, 46.503, 138.920
Yxy	13.1787, 0.3073, 0.5044
Android (android.graphics.Color)	4281561904 (0xFF337330)
YUV	88.2260, -19.8314, -32.6472
Hunter-Lab	36.3024, -24.0482, 17.3814

# Details

The Android color `4281561904` is a dark color, and the websafe version is hex `336633`. A complement of this color would be `4285542515`, and the grayscale version is `4283979864`.

A 20% lighter version of the original color is `4284983392`, and `4278206976` is the 20% darker color. If you saturate the color by 10%, you get `4280840997`, and if you desaturate by 10%, it is `4282282812`.

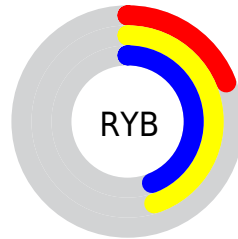
# Distribution



Red (20%)

Green (45%)

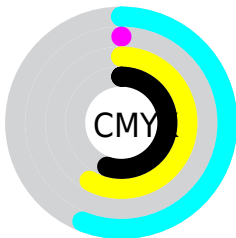
Blue (19%)



Red (19%)

Yellow (45%)

Blue (44%)

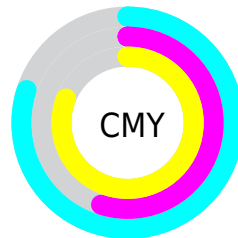


Cyan (56%)

Magenta (0%)

Yellow (58%)

Black (55%)



Cyan (80%)

Magenta (55%)

Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281561904 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 4281561904 by changing the saturation by 10% instead.





4281561904



4281561904

4294967295



4279654937



4284983392



4278206976



4286759802



4278201088



4288536468



4278194944



4290378927



4278190080



4292214730



4294115303



4281561904



4281561904



4280840997



4282282812

■ 4280120089

■ 4283003719

■ 4279399181

■ 4283724627

■ 4278678274

■ 4284445534

■ 4278547200

■ 4285166442

■ 4285887349

■ 4286608257

■ 4287329164

■ 4288050072

# Harmonies

## Analogous

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



4284640019



4281561904



4278220630

# Triad

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



4281561904



4278218417



4289413711

# Complementary

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



4281561904



4285542515

# 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.



4288955254



4281561904



4283130287

# Square

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



4281561904



4278220191



4286992793



4288630572

# Rectangle

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



4281561904



4278220912



4286992793



4289413468



# Sweetspot

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



4281561904



4286486141



4285755440



4282273085



4291611852



4283256141



# Same Dimension

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



4281561904



4281505325



4281365326



4281678645



4278548992



4278974976



# Inverse Universe

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



4285542515



4287770006



4285739093



4282004795



4285857914



4293853434



# Previews

## White Background



This preview shows how the Android color 4281561904 looks on a white background.

## Color Contrast Check

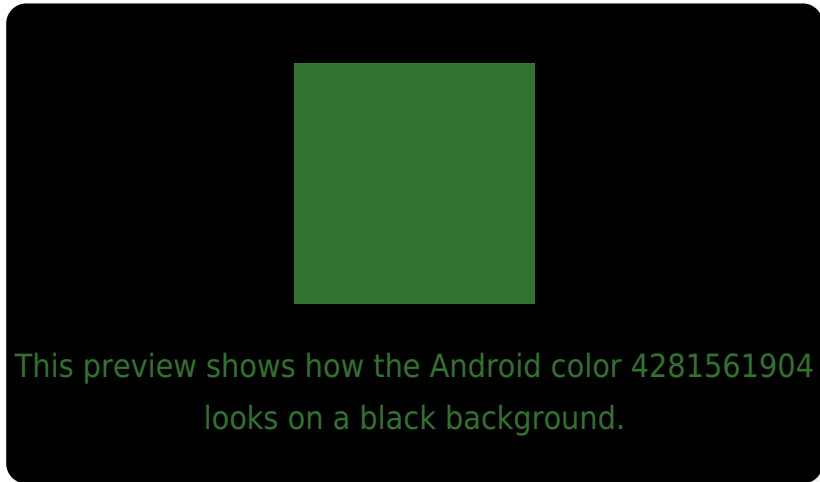
Large Text (above 18pt) WCAG AA ✓ Pass

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 4281561904 Background



This preview shows how black text looks on a background with the Android color 4281561904.



This preview shows how white text looks on a background with the Android color 4281561904.

# 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**  
4281561904

**Protanopia**  
4285556012

**Deuteranopia**  
4286341173



# Trichromacy



**Original Color**  
4281561904

**Protanomaly**  
4284115501

**Deuteranomaly**  
4284573491

**Tritanomaly**  
4282216284

# Monochromacy



**Original Color**  
4281561904

**Achromatopsia**  
4283979864

**Achromatomaly**  
4283130441

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281561904 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(51, 115, 48)` looks like.

```
.text, #text, p{  
    color:rgb(51, 115, 48)  
}
```

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(51, 115, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 115, 48) }
```

## Border

The CSS property to change the border of an element to Android 4281561904 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(51, 115, 48) }
```

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

```
.border{ border-color:rgb(51, 115, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 115, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 115, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 115, 48);  
box-shadow:4px 4px 4px 4px rgb(51, 115,  
48) }
```

# Background

The CSS property to change the background color of an element to Android 4281561904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 115, 48) }
```

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

```
.background{ background-color: rgb(51, 115,  
48) }
```

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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