

# Converting Colors

Android(4281485587)

Have a look what the booklet for  
Android(4281485587) contains.

<b>Android(4281485587)</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(4281485587)**

# Conversions

## Conversions Part 1

Format	Color
Hex	324913
RGB	50, 73, 19
RGB Percent	20%, 29%, 7%
CMY	0.8039, 0.7137, 0.9255
CMYK	0.32, 0.00, 0.74, 0.71
HSL	86°, 59%, 18%
HSV	86°, 74%, 29%
XYZ	3.8155, 5.4902, 1.4747
YIQ	59.9670, 3.6260, -21.6700

# Conversions

## Conversions Part 2

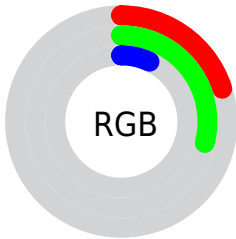
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	19, 73, 42
Decimal	3295507
CIE <sub>Lab</sub>	28.09, -18.83, 28.34
CIE <sub>LCh</sub>	28, 34.027, 123.606
Yxy	5.4902, 0.3539, 0.5093
Android (android.graphics.Color)	4281485587 (0xFF324913)
YUV	59.9670, -20.1967, -8.7411
Hunter-Lab	23.4312, -11.9381, 12.6702

# Details

The Android color **4281485587** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **4280947529**, and the grayscale version is **4282137660**.

A 20% lighter version of the original color is **4284643905**, and **4278197760** is the 20% darker color. If you saturate the color by 10%, you get **4281288972**, and if you desaturate by 10%, it is **4281682202**.

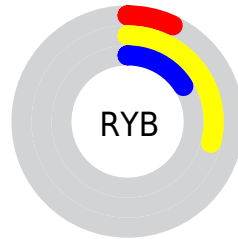
# Distribution



Red (20%)

Green (29%)

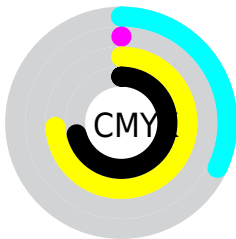
Blue (7%)



Red (7%)

Yellow (29%)

Blue (16%)

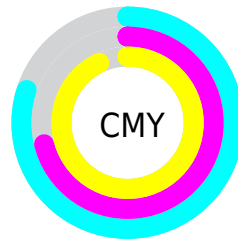


Cyan (32%)

Magenta (0%)

Yellow (74%)

Black (71%)



Cyan (80%)

Magenta (71%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281485587 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 4281485587 by changing the saturation by 10% instead.



 4281485587

 4281485587

 4294967290

 4280037888

 4284643905

 4278197760

 4286354521

 4278190080

 4288065138

 4289841804

 4291684006

 4293590978

 4294967262

 4281485587

 4281485587

■ 4281288972

■ 4281682202

■ 4281092356

■ 4281878818

■ 4280961280

■ 4282075433

■ 4282272048

■ 4282534199

■ 4282730815

■ 4282927430

■ 4283124045

■ 4283320661

# Harmonies

## Analogous

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



4283253256



4281485587



4278275370

# Triad

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



4281485587



4278209393



4285606208

# Complementary

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



4281485587



4280947529

# 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.



4284755802



4281485587



4278273143

# Square

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



4281485587



4278210143



4282858094



4285476391

# Rectangle

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



4281485587



4278210108



4282858094



4285475401



# Sweetspot

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



4281485587



4283850314



4282984979



4281020452



4289769648



4281348144



# Same Dimension

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



4281485587



4282080778



4279781651



4280427552



4281950976



4286767872



# Inverse Universe

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



4280947529



4281207390



4282651465



4280426532



4280942691

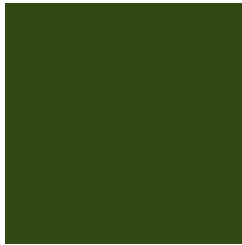


4284547299



# Previews

## White Background



This preview shows how the Android color 4281485587 looks on a white background.

## Color Contrast Check

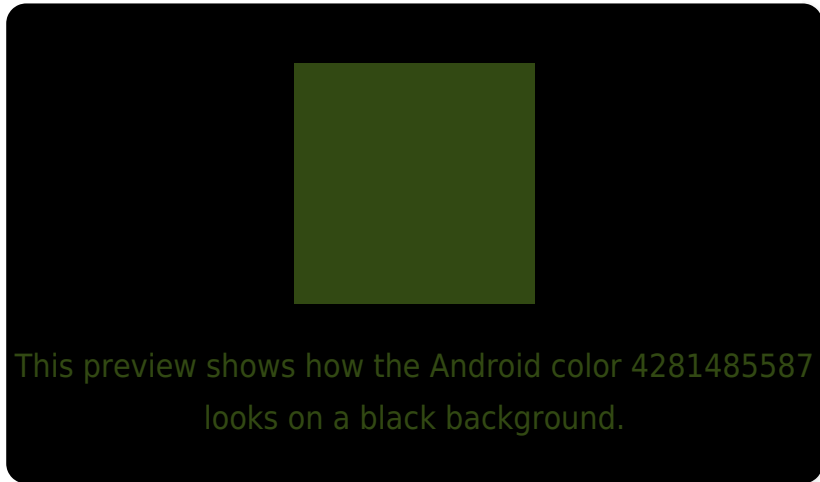
Large Text (above 18pt) WCAG AA ✓ Pass

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

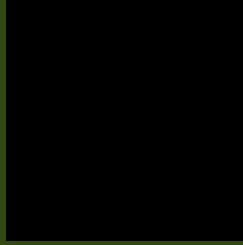
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4281485587 Background



This preview shows how black text looks on a background with the Android color 4281485587.



This preview shows how white text looks on a background with the Android color 4281485587.

# 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**  
4281485587

**Protanopia**  
4283056657

**Deuteranopia**  
4283645719



**Tritanopia**  
4281943114

# Trichromacy



**Original Color**  
4281485587

**Protanomaly**  
4282467602

**Deuteranomaly**  
4282860310

**Tritanomaly**  
4281746998

# Monochromacy



**Original Color**  
4281485587

**Achromatopsia**  
4282137660

**Achromatomaly**  
4281876781

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281485587 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, 73, 19)` looks like.

```
.text, #text, p{  
    color:rgb(50, 73, 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(50, 73, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 73, 19) }
```

## Border

The CSS property to change the border of an element to Android 4281485587 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, 73, 19) }
```

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

```
.border{ border-color:rgb(50, 73, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 73, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 73, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 73, 19);  
box-shadow:4px 4px 4px 4px rgb(50, 73, 19)  
}
```

# Background

The CSS property to change the background color of an element to Android 4281485587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 73, 19) }
```

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

```
.background{ background-color: rgb(50, 73,  
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](#).



# 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