

# Converting Colors

Android(4281107048)

Have a look what the booklet for  
Android(4281107048) contains.

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# Color

**Android(4281107048)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2C8268
RGB	44, 130, 104
RGB Percent	17%, 51%, 41%
CMY	0.8275, 0.4902, 0.5922
CMYK	0.66, 0.00, 0.20, 0.49
HSL	162°, 49%, 34%
HSV	162°, 66%, 51%
XYZ	11.5200, 17.5002, 15.8674
YIQ	101.3220, -42.9100, -26.3180

# Conversions

## Conversions Part 2

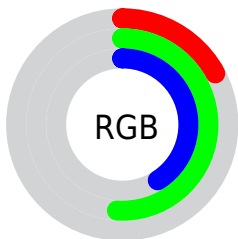
<b>Format</b>	<b>Color</b>
<b>RYB</b>	44, 95, 130
Decimal	2916968
CIELab	48.88, -32.23, 6.62
CIELCh	49, 32.904, 168.390
Yxy	17.5002, 0.2566, 0.3899
Android (android.graphics.Color)	4281107048 (0xFF2C8268)
YUV	101.3220, 1.3203, -50.2714
Hunter-Lab	41.8333, -24.0529, 6.7945

# Details

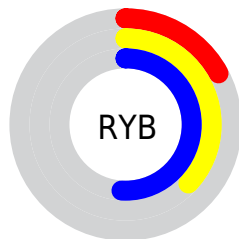
The Android color `4281107048` is a dark color, and the websafe version is hex `339966`. A complement of this color would be `4286721094`, and the grayscale version is `4284835173`.

A 20% lighter version of the original color is `4284790939`, and `4278210617` is the 20% darker color. If you saturate the color by 10%, you get `4280255076`, and if you desaturate by 10%, it is `4281959020`.

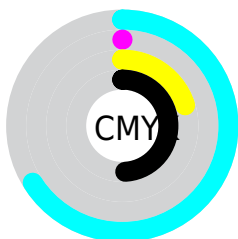
# Distribution



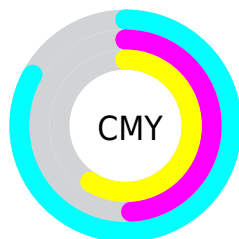
- Red (17%)
- Green (51%)
- Blue (41%)



- Red (17%)
- Yellow (37%)
- Blue (51%)



- Cyan (66%)
- Magenta (0%)
- Yellow (20%)
- Black (49%)




- Cyan (83%)
- Magenta (49%)
- Yellow (59%)


# Brightness & Saturation Gradients

These gradients show how the Android color 4281107048 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 4281107048 by changing the saturation by 10% instead.



 4281107048

 4281107048

4294967295

 4278478928

 4284790939

 4278210617

 4286567350

 4278204451

 4288409810


 4278199310

 4290248686

 4278190080

 4292149247

 4294049791

 4281107048

 4281107048

 4280255076

 4281959020

■ 4279403104

■ 4282810992

■ 4278551132

■ 4283662964

■ 4278223451

■ 4284514936

■ 4285366908

■ 4286218880

■ 4287070852

■ 4287922823

■ 4288774795

# Harmonies

## Analogous

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



4283792974



4281107048



4278223749

# Triad

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



4281107048



4284903849



4288832844

# Complementary

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



4281107048



4286721094

# 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.



4289355364



4281107048



4287391385

# Square

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



4281107048



4281367210



4288896896



4287590205

# Rectangle

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



4281107048



4278223254



4288896896



4289094227



# Sweetspot

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



4281107048



4287080606



4282876460



4282405966



4292138196



4283716692



# Same Dimension

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



4281107048



4280526976



4281102978



4281942078



4278222937



4278190080



# Inverse Universe

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



4286721094



4289209164



4286725164



4282399035



4286578727



4278190080



# Previews

## White Background



This preview shows how the Android color 4281107048 looks on a white background.

## Color Contrast Check

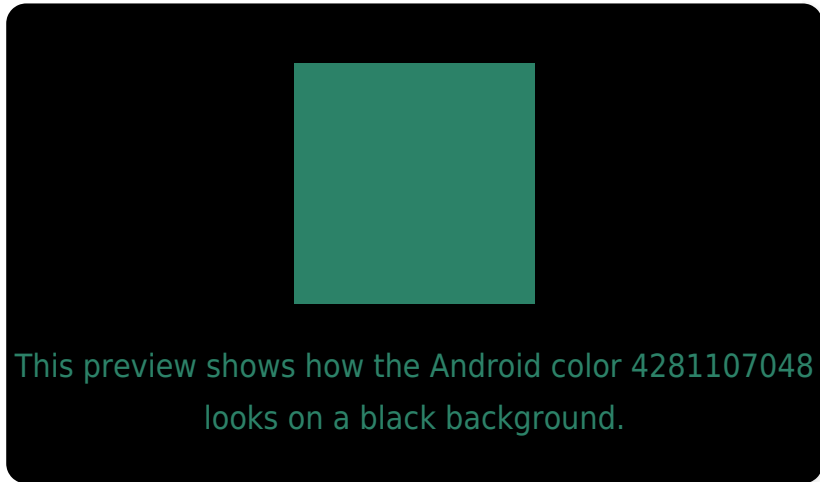
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



# Android 4281107048 Background



This preview shows how black text looks on a background with the Android color 4281107048.

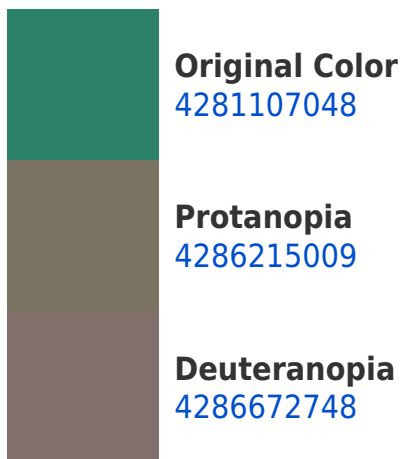


This preview shows how white text looks on a background with the Android color 4281107048.

# 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





# Trichromacy



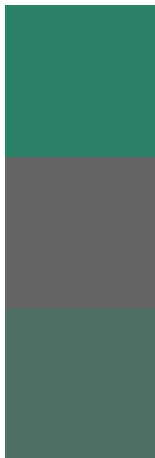
**Original Color**  
4281107048

**Protanomaly**  
4284381284

**Deuteranomaly**  
4284642923

**Tritanomaly**  
4281630588

# Monochromacy



**Original Color**  
4281107048

**Achromatopsia**  
4284835173

**Achromatomaly**  
4283461734

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281107048 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(44, 130, 104)` looks like.

```
.text, #text, p{  
    color:rgb(44, 130, 104)  
}
```

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(44, 130, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 130, 104) }
```

## Border

The CSS property to change the border of an element to Android 4281107048 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(44, 130, 104) }
```

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

```
.border{ border-color:rgb(44, 130, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 130, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 130, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 130, 104);  
box-shadow:4px 4px 4px 4px rgb(44, 130,  
104) }
```

# Background

The CSS property to change the background color of an element to Android 4281107048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 130, 104) }
```

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

```
.background{ background-color: rgb(44, 130,  
104) }
```

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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