

# Converting Colors

Android(4281040217)

Have a look what the booklet for  
Android(4281040217) contains.

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# Color

**Android(4281040217)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2B7D59
RGB	43, 125, 89
RGB Percent	17%, 49%, 35%
CMY	0.8314, 0.5098, 0.6510
CMYK	0.66, 0.00, 0.29, 0.51
HSL	154°, 49%, 33%
HSV	154°, 66%, 49%
XYZ	10.1330, 15.9021, 11.9865
YIQ	96.3780, -37.3160, -28.5800

# Conversions

## Conversions Part 2

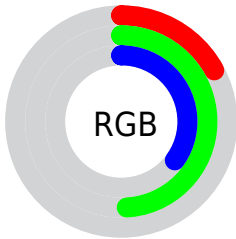
Format	Color
<b>RYB</b>	43, 96, 125
Decimal	2850137
CIELab	46.85, -33.80, 12.50
CIELCh	47, 36.040, 159.704
Yxy	15.9021, 0.2665, 0.4182
Android (android.graphics.Color)	4281040217 (0xFF2B7D59)
YUV	96.3780, -3.6374, -46.8125
Hunter-Lab	39.8774, -24.4278, 10.0925

# Details

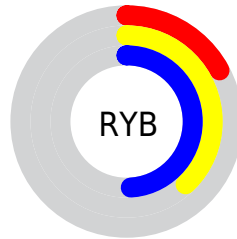
The Android color `4281040217` is a dark color, and the websafe version is hex `339966`. A complement of this color would be `4286393167`, and the grayscale version is `4284506208`.

A 20% lighter version of the original color is `4284658315`, and `4278209323` is the 20% darker color. If you saturate the color by 10%, you get `4280253780`, and if you desaturate by 10%, it is `4281892190`.

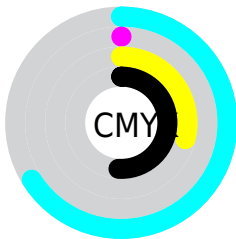
# Distribution



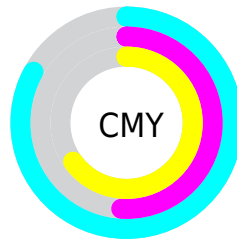
- Red (17%)
- Green (49%)
- Blue (35%)



- Red (17%)
- Yellow (38%)
- Blue (49%)



- Cyan (66%)
- Magenta (0%)
- Yellow (29%)
- Black (51%)



- Cyan (83%)
- Magenta (51%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281040217 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 4281040217 by changing the saturation by 10% instead.





4281040217



4281040217

4294967295



4278543426



4284658315



4278209323



4286434981



4278203414



4288277185



4278198272



4290117597



4278190080



4291952633



4293853183



4281040217



4281040217



4280253780



4281892190

■ 4279401806

■ 4282678628

■ 4278615369

■ 4283530601

■ 4278222150

■ 4284317039

■ 4285169012

■ 4285955450

■ 4286807423

■ 4287593861

■ 4288380298

# Harmonies

## Analogous

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



4283922495



4281040217



4278222712

# Triad

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



4281040217



4283330475



4288961354

# Complementary

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



4281040217



4286393167

# 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.



4289222246



4281040217



4286473118

# Square

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



4281040217



4278220967



4288436613



4287784502

# Rectangle

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



4281040217



4278222476



4288436613



4289157459



# Sweetspot

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



4281040217



4286817173



4283465003



4282274377



4291940817



4283585106



# Same Dimension

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



4281040217



4280460139



4281039229



4281942077



4278222920



4278190080



# Inverse Universe

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



4286393167



4288881243



4286394155



4282399036



4286578744



4278190080



# Previews

## White Background



This preview shows how the Android color 4281040217 looks on a white background.

## Color Contrast Check

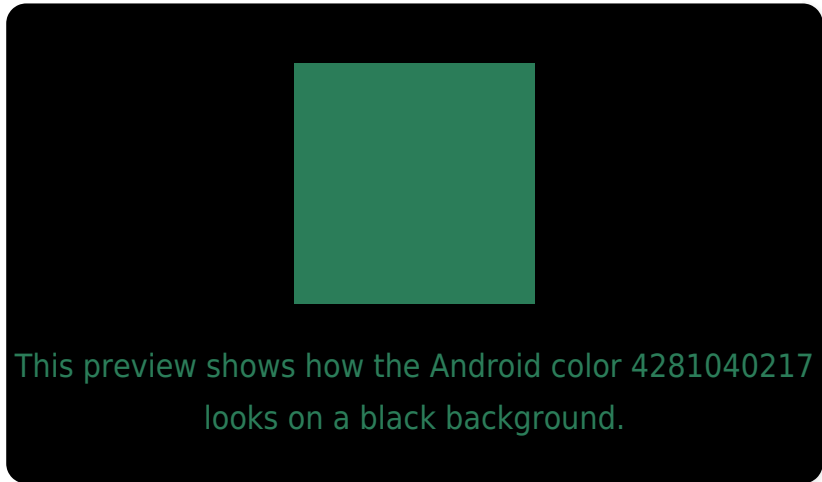
Large Text (above 18pt) WCAG AA ✓ Pass

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 4281040217 Background



This preview shows how black text looks on a background with the Android color 4281040217.



This preview shows how white text looks on a background with the Android color 4281040217.

# 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



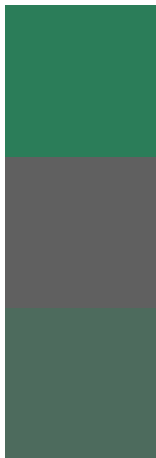
**Original Color**  
4281040217

**Protanomaly**  
4284183381

**Deuteranomaly**  
4284510556

**Tritanomaly**  
4281694834

# Monochromacy



**Original Color**  
4281040217

**Achromatopsia**  
4284506208

**Achromatomaly**  
4283263837

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281040217 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(43, 125, 89)` looks like.

```
.text, #text, p{  
    color:rgb(43, 125, 89)  
}
```

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(43, 125, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 125, 89) }
```

## Border

The CSS property to change the border of an element to Android 4281040217 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(43, 125, 89) }
```

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

```
.border{ border-color:rgb(43, 125, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 125, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 125, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 125, 89);  
box-shadow:4px 4px 4px 4px rgb(43, 125,  
89) }
```

# Background

The CSS property to change the background color of an element to Android 4281040217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 125, 89) }
```

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

```
.background{ background-color: rgb(43, 125,  
89) }
```

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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