

# Converting Colors

Android(4281428317)

Have a look what the booklet for  
Android(4281428317) contains.

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# Color

**Android(4281428317)**

# Conversions

## Conversions Part 1

Format	Color
Hex	31695D
RGB	49, 105, 93
RGB Percent	19%, 41%, 36%
CMY	0.8078, 0.5882, 0.6353
CMYK	0.53, 0.00, 0.11, 0.59
HSL	167°, 36%, 30%
HSV	167°, 53%, 41%
XYZ	8.2940, 11.5464, 12.1475
YIQ	86.8880, -29.5240, -15.6040

# Conversions

## Conversions Part 2

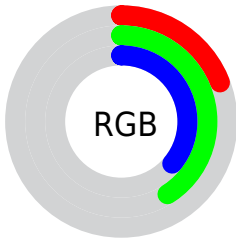
<b>Format</b>	<b>Color</b>
<b>RYB</b>	49, 80, 105
Decimal	3238237
CIELab	40.49, -21.70, 1.11
CIELCh	40, 21.728, 177.074
Yxy	11.5464, 0.2593, 0.3610
Android (android.graphics.Color)	4281428317 (0xFF31695D)
YUV	86.8880, 3.0132, -33.2278
Hunter-Lab	33.9800, -15.8961, 2.5905

# Details

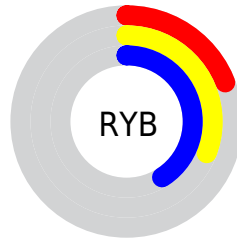
The Android color `4281428317` is a dark color, and the websafe version is hex `336666`. A complement of this color would be `4285083965`, and the grayscale version is `4283914071`.

A 20% lighter version of the original color is `4284784015`, and `4278204719` is the 20% darker color. If you saturate the color by 10%, you get `4280772955`, and if you desaturate by 10%, it is `4282083679`.

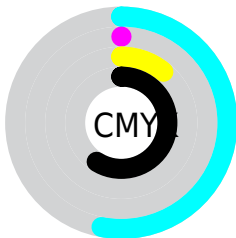
# Distribution



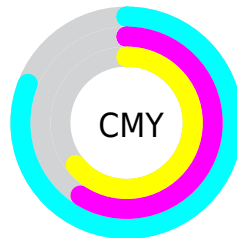
- Red (19%)
- Green (41%)
- Blue (36%)



- Red (19%)
- Yellow (31%)
- Blue (41%)



- Cyan (53%)
- Magenta (0%)
- Yellow (11%)
- Black (59%)



- Cyan (81%)
- Magenta (59%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281428317 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 4281428317 by changing the saturation by 10% instead.





4281428317



4281428317

4294967295



4279652677



4284784015



4278204719



4286494890



4278199322



4288271301



4278190848



4290048225



4278190080



4291952637



4293787647



4281428317



4281428317



4280772955



4282083679

■ 4280052056

■ 4282804578

■ 4279331158

■ 4283459940

■ 4278675796

■ 4284180838

■ 4278217042

■ 4284901736

■ 4285557098

■ 4286212461

■ 4286933359

■ 4287654257

# Harmonies

## Analogous

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



4282804044



4281428317



4280445295

# Triad

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



4281428317



4284439423



4286273602

# Complementary

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



4281428317



4285083965

# 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.



4286731088



4281428317



4285814131

# Square

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



4281428317



4282737283



4286599778



4285357628

# Rectangle

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



4281428317



4280641401



4286599778



4286469702



# Sweetspot

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



4281428317



4285827717



4282214705



4281877826



4291085508



4282729797



# Same Dimension

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



4281428317



4281502327



4281424233



4281349684



4278220124



4278252992



# Inverse Universe

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



4285083965



4287246916



4285088049



4281741361



4285857817



4294246452



# Previews

## White Background



This preview shows how the Android color 4281428317 looks on a white background.

## Color Contrast Check

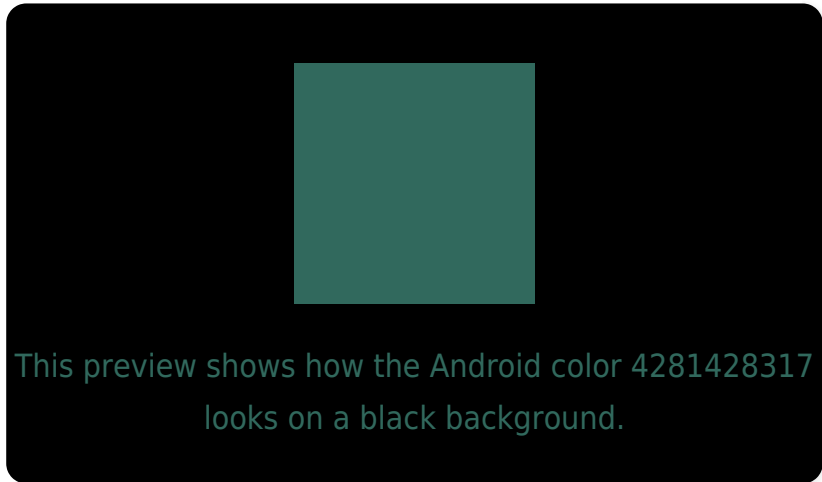
Large Text (above 18pt) WCAG AA ✓ Pass

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 4281428317 Background



This preview shows how black text looks on a background with the Android color 4281428317.



This preview shows how white text looks on a background with the Android color 4281428317.

# 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**  
4281428317

**Protanopia**  
4284637015

**Deuteranopia**  
4285029472



# Trichromacy



**Original Color**  
4281428317

**Protanomaly**  
4283458393

**Deuteranomaly**  
4283720031

**Tritanomaly**  
4281689960

# Monochromacy



**Original Color**  
4281428317

**Achromatopsia**  
4283914071

**Achromatomaly**  
4282998361

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281428317 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(49, 105, 93)` looks like.

```
.text, #text, p{  
    color:rgb(49, 105, 93)  
}
```

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(49, 105, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 105, 93) }
```

## Border

The CSS property to change the border of an element to Android 4281428317 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(49, 105, 93) }
```

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

```
.border{ border-color:rgb(49, 105, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 105, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 105, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 105, 93);  
box-shadow:4px 4px 4px 4px rgb(49, 105,  
93) }
```

# Background

The CSS property to change the background color of an element to Android 4281428317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 105, 93) }
```

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

```
.background{ background-color: rgb(49, 105,  
93) }
```

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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