

# Converting Colors

Android(4280195945)

Have a look what the booklet for  
Android(4280195945) contains.

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# Color

**Android(4280195945)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1E9B69
RGB	30, 155, 105
RGB Percent	12%, 61%, 41%
CMY	0.8824, 0.3922, 0.5882
CMYK	0.81, 0.00, 0.32, 0.39
HSL	156°, 68%, 36%
HSV	156°, 81%, 61%
XYZ	14.8066, 24.7386, 17.3592
YIQ	111.9250, -58.4500, -42.0500

# Conversions

## Conversions Part 2

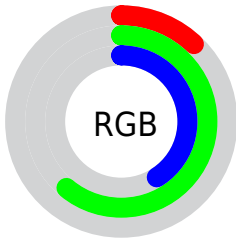
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	30, 108, 155
Decimal	2005865
CIE <sub>Lab</sub>	56.82, -44.84, 17.10
CIE <sub>LCh</sub>	57, 47.995, 159.123
Yxy	24.7386, 0.2602, 0.4347
Android (android.graphics.Color)	4280195945 (0xFF1E9B69)
YUV	111.9250, -3.4140, -71.8482
Hunter-Lab	49.7379, -33.9035, 14.1235

# Details

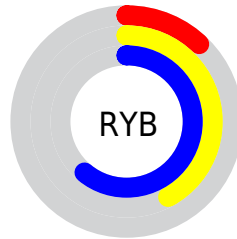
The Android color `4280195945` is a dark color, and the websafe version is hex `009966`. A complement of this color would be `4288355920`, and the grayscale version is `4285558896`.

A 20% lighter version of the original color is `4284600988`, and `4278216505` is the 20% darker color. If you saturate the color by 10%, you get `4279212899`, and if you desaturate by 10%, it is `4281244527`.

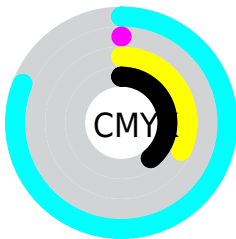
# Distribution



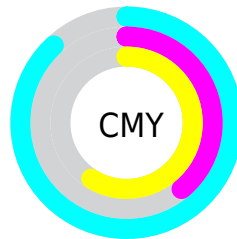
- Red (12%)
- Green (61%)
- Blue (41%)



- Red (12%)
- Yellow (42%)
- Blue (61%)



- Cyan (81%)
- Magenta (0%)
- Yellow (32%)
- Black (39%)



- Cyan (88%)
- Magenta (39%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280195945 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 4280195945 by changing the saturation by 10% instead.





4280195945



4280195945

4294967295



4278222929



4284600988



4278216505



4286508983



4278210083



4288413651



4278203918



4290314223



4278198272



4292214783



4278190080



4294180863



4280195945



4280195945



4279212899



4281244527

■ 4278229853

■ 4282227573

■ 4283276156

■ 4284259202

■ 4285307784

■ 4286290830

■ 4287339412

■ 4288322459

■ 4289371041

# Harmonies

## Analogous

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



4284978500



4280195945



4278230420

# Triad

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



4280195945



4283664859



4291849302

# Complementary

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



4280195945



4288355920

# 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.



4292240253



4280195945



4288444618

# Square

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



4280195945



4278228438



4291127719



4290280505

# Rectangle

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



4280195945



4278230192



4291127719



4292110434



# Sweetspot

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



4280195945



4288268726



4283472670



4282934874



4293322470



4284900966



# Same Dimension

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



4280195945



4278634875



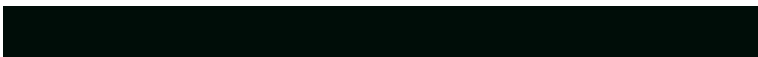
4280192667



4282731849



4278226004



4278193416



# Inverse Universe

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



4288355920



4291364436



4288358942



4283254088



4287365176



4279042053



# Previews

## White Background



This preview shows how the Android color 4280195945 looks on a white background.

## Color Contrast Check

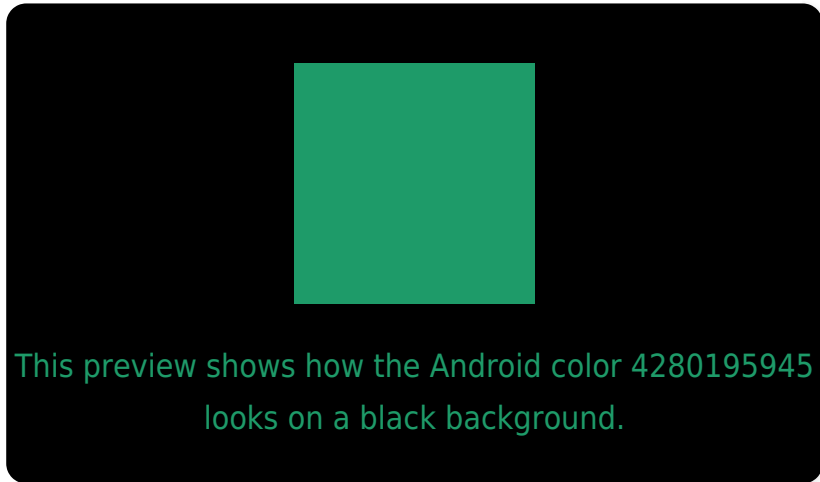
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

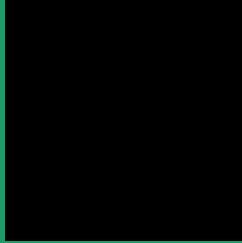
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



# Android 4280195945 Background



This preview shows how black text looks on a background with the Android color 4280195945.



This preview shows how white text looks on a background with the Android color 4280195945.

# 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**

4280195945



**Protanomaly**

4285042275



**Deuteranomaly**

4285500269



**Tritanomaly**

4281440140

# Monochromacy



**Original Color**

4280195945



**Achromatopsia**

4285558896



**Achromatomaly**

4283596909

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280195945 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(30, 155, 105)` looks like.

```
.text, #text, p{  
    color:rgb(30, 155, 105)  
}
```

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(30, 155, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 155, 105) }
```

## Border

The CSS property to change the border of an element to Android 4280195945 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(30, 155, 105) }
```

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

```
.border{ border-color:rgb(30, 155, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 155, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(30, 155, 105); -webkit-box-shadow:4px 4px 4px 4px rgb(30, 155, 105); box-shadow:4px 4px 4px 4px rgb(30, 155, 105) }
```

# Background

The CSS property to change the background color of an element to Android 4280195945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 155, 105) }
```

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

```
.background{ background-color: rgb(30, 155,  
105) }
```

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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