

# Converting Colors

Android(4280195409)

Have a look what the booklet for  
Android(4280195409) contains.

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# Color

**Android(4280195409)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1E9951
RGB	30, 153, 81
RGB Percent	12%, 60%, 32%
CMY	0.8824, 0.4000, 0.6824
CMYK	0.80, 0.00, 0.47, 0.40
HSL	145°, 67%, 36%
HSV	145°, 80%, 60%
XYZ	13.4119, 23.6526, 11.6431
YIQ	108.0150, -50.1960, -48.4680

# Conversions

## Conversions Part 2

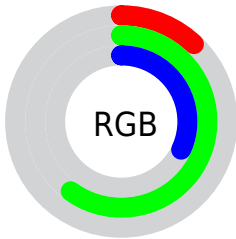
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	30, 117, 153
Decimal	2005329
CIE <sub>Lab</sub>	55.74, -48.91, 28.76
CIE <sub>LCh</sub>	56, 56.737, 149.545
Yxy	23.6526, 0.2754, 0.4856
Android (android.graphics.Color)	4280195409 (0xFF1E9951)
YUV	108.0150, -13.3184, -68.4192
Hunter-Lab	48.6339, -35.8841, 19.8495

# Details

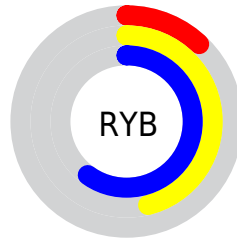
The Android color `4280195409` is a dark color, and the websafe version is hex `009966`. A complement of this color would be `4288224870`, and the grayscale version is `4285295724`.

A 20% lighter version of the original color is `4284534915`, and `4278215970` is the 20% darker color. If you saturate the color by 10%, you get `4279212360`, and if you desaturate by 10%, it is `4281178458`.

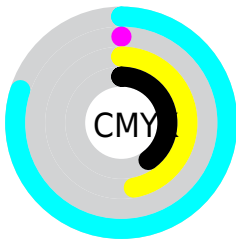
# Distribution



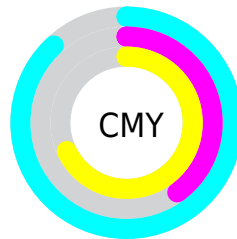
- Red (12%)
- Green (60%)
- Blue (32%)



- Red (12%)
- Yellow (46%)
- Blue (60%)



- Cyan (80%)
- Magenta (0%)
- Yellow (47%)
- Black (40%)



- Cyan (88%)
- Magenta (40%)
- Yellow (68%)
- Black (4%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280195409 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 4280195409 by changing the saturation by 10% instead.





4280195409



4280195409

4294967295



4278222393



4284534915



4278215970



4286442910



4278209290



4288348089



4278203392



4290248661



4278197248



4292214769



4278190080



4294115327



4280195409



4280195409



4279212360



4281178458

 4278229311

 4282227043

 4283210092

 4284193141

 4285176190

 4286224775

 4287207824

 4288190873

 4289239458

# Harmonies

## Analogous

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



4285436199



4280195409



4278230403

# Triad

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



4280195409



4278225896



4292631896

# Complementary

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



4280195409



4288224870

# 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.



4292630152



4280195409



4286872028

# Square

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



4280195409



4278228954



4290798520



4291129391

# Rectangle

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



4280195409



4278230437



4290798520



4292761704



# Sweetspot

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



4280195409



4288137131



4285045022



4282868563



4293125091



4284703587



# Same Dimension

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



4280195409



4278765399



4280195469



4282731848



4278225978



4278193413



# Inverse Universe

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



4288224870



4291233912



4288224810



4283254089



4287365202



4279042055



# Previews

## White Background



This preview shows how the Android color 4280195409 looks on a white background.

## Color Contrast Check

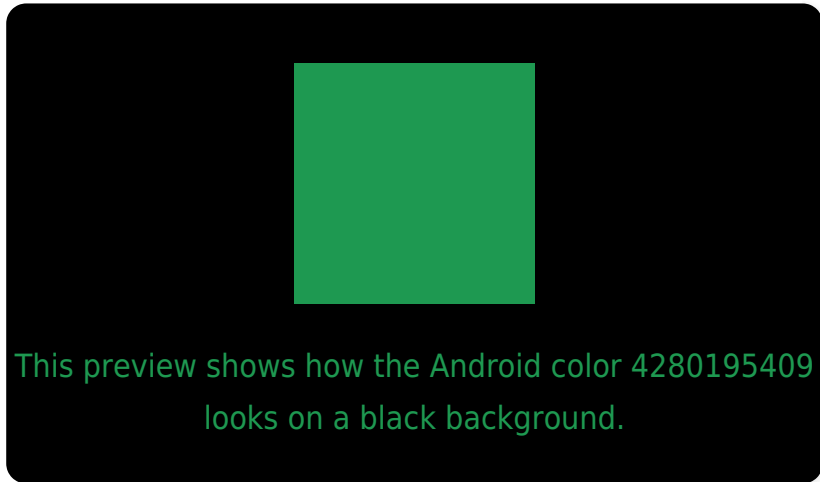
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280195409 Background



This preview shows how black text looks on a background with the Android color 4280195409.



This preview shows how white text looks on a background with the Android color 4280195409.

# 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**  
4280195409

**Protanopia**  
4287792458

**Deuteranopia**  
4288642903



# Trichromacy



**Original Color**

4280195409



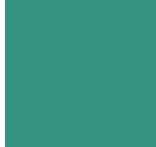
**Protanomaly**

4285041741



**Deuteranomaly**

4285565013



**Tritanomaly**

4281635969

# Monochromacy



**Original Color**

4280195409



**Achromatopsia**

4285295724



**Achromatomaly**

4283464802

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280195409 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, 153, 81)` looks like.

```
.text, #text, p{  
    color:rgb(30, 153, 81)  
}
```

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, 153, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 153, 81) }
```

## Border

The CSS property to change the border of an element to Android 4280195409 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, 153, 81) }
```

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

```
.border{ border-color:rgb(30, 153, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 153, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 153, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 153, 81);  
box-shadow:4px 4px 4px 4px rgb(30, 153,  
81) }
```

# Background

The CSS property to change the background color of an element to Android 4280195409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 153, 81) }
```

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

```
.background{ background-color: rgb(30, 153,  
81) }
```

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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