

# Converting Colors

Android(4280309827)

Have a look what the booklet for  
Android(4280309827) contains.

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# Color

**Android(4280309827)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	205843
RGB	32, 88, 67
RGB Percent	13%, 35%, 26%
CMY	0.8745, 0.6549, 0.7373
CMYK	0.64, 0.00, 0.24, 0.65
HSL	158°, 47%, 24%
HSV	158°, 64%, 35%
XYZ	5.0985, 7.6918, 6.5261
YIQ	68.8620, -26.6350, -18.4030

# Conversions

## Conversions Part 2

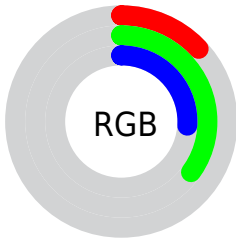
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	32, 66, 88
Decimal	2119747
CIE <sub>Lab</sub>	33.33, -24.07, 6.79
CIE <sub>LCh</sub>	33, 25.009, 164.256
Yxy	7.6918, 0.2639, 0.3982
Android (android.graphics.Color)	4280309827 (0xFF205843)
YUV	68.8620, -0.9180, -32.3280
Hunter-Lab	27.7340, -15.7199, 5.4622

# Details

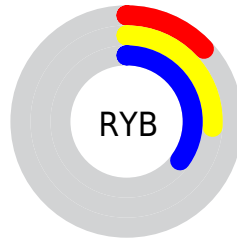
The Android color `4280309827` is a dark color, and the websafe version is hex `006666`. A complement of this color would be `4283965493`, and the grayscale version is `4282729797`.

A 20% lighter version of the original color is `4283665011`, and `4278200856` is the 20% darker color. If you saturate the color by 10%, you get `4279720000`, and if you desaturate by 10%, it is `4280899654`.

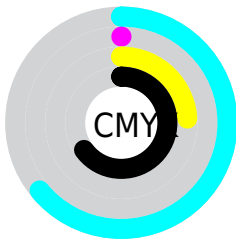
# Distribution



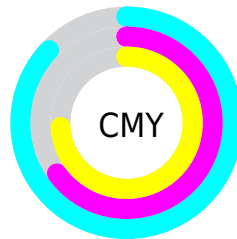
- Red (13%)
- Green (35%)
- Blue (26%)



- Red (13%)
- Yellow (26%)
- Blue (35%)



- Cyan (64%)
- Magenta (0%)
- Yellow (24%)
- Black (65%)



- Cyan (87%)
- Magenta (65%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280309827 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 4280309827 by changing the saturation by 10% instead.





4280309827



4280309827

4294967295



4278337581



4283665011



4278200856



4285310349



4278195200



4287086759



4278190080



4288797890



4290640350



4292476923



4294377471



4280309827



4280309827

■ 4279720000

■ 4280899654

■ 4279130172

■ 4281489482

■ 4278605881

■ 4282013773

■ 4278212663

■ 4282603600

■ 4283193428

■ 4283783255

■ 4284373082

■ 4284897373

■ 4285487201

# Harmonies

## Analogous

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



4282078513



4280309827



4278212951

# Triad

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



4280309827



4282404213



4285547316

# Complementary

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



4280309827



4283965493

# 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.



4285808454



4280309827



4284237419

# Square

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



4280309827



4279718772



4285415514



4284762664

# Rectangle

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



4280309827



4278212708



4285415514



4285743417



# Sweetspot

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



4280309827



4284314475



4281686048



4281154358



4290427578



4282071867



# Same Dimension

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



4280309827



4280054610



4280308056



4280757034



4278217539



4278250387



# Inverse Universe

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



4283965493



4285733948



4283967264



4281018153



4285202472



4293591128



# Previews

## White Background



This preview shows how the Android color 4280309827 looks on a white background.

## Color Contrast Check

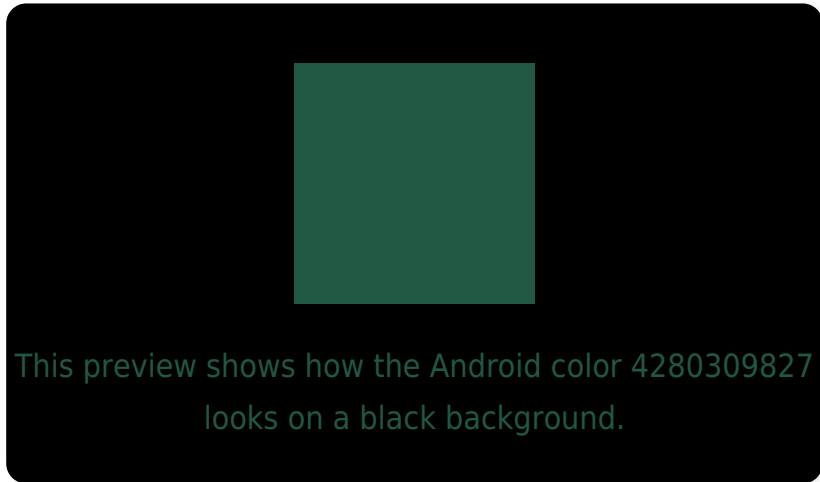
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 4280309827 Background



This preview shows how black text looks on a background with the Android color 4280309827.



This preview shows how white text looks on a background with the Android color 4280309827.

# 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**  
4280309827

**Protanopia**  
4283649598

**Deuteranopia**  
4284042054



# Trichromacy



**Original Color**  
4280309827

**Protanomaly**  
4282405440

**Deuteranomaly**  
4282667077

**Tritanomaly**  
4280702547

# Monochromacy



**Original Color**  
4280309827

**Achromatopsia**  
4282729797

**Achromatomaly**  
4281879620

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280309827 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(32, 88, 67)` looks like.

```
.text, #text, p{  
    color:rgb(32, 88, 67)  
}
```

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(32, 88, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 88, 67) }
```

## Border

The CSS property to change the border of an element to Android 4280309827 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(32, 88, 67) }
```

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

```
.border{ border-color:rgb(32, 88, 67) }
```

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

Here you see how a box with a 4 pixel rgb(32, 88, 67) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 88, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 88, 67);  
box-shadow:4px 4px 4px 4px rgb(32, 88, 67)  
}
```

# Background

The CSS property to change the background color of an element to Android 4280309827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 88, 67) }
```

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

```
.background{ background-color: rgb(32, 88,  
67) }
```

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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