

# Converting Colors

Android(4279404317)

Have a look what the booklet for  
Android(4279404317) contains.

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# Color

**Android(4279404317)**

# Conversions

## Conversions Part 1

Format	Color
Hex	12871D
RGB	18, 135, 29
RGB Percent	7%, 53%, 11%
CMY	0.9294, 0.4706, 0.8863
CMYK	0.87, 0.00, 0.79, 0.47
HSL	126°, 76%, 30%
HSV	126°, 87%, 53%
XYZ	9.1352, 17.5453, 4.0675
YIQ	87.9330, -35.7060, -57.7700

# Conversions

## Conversions Part 2

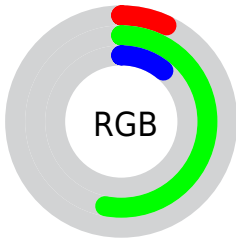
<b>Format</b>	<b>Color</b>
<b>RYB</b>	18, 125, 135
Decimal	1214237
CIELab	48.94, -50.88, 45.11
CIELCh	49, 67.997, 138.442
Yxy	17.5453, 0.2971, 0.5706
Android (android.graphics.Color)	4279404317 (0xFF12871D)
YUV	87.9330, -29.0540, -61.3312
Hunter-Lab	41.8871, -34.3731, 23.5635

# Details

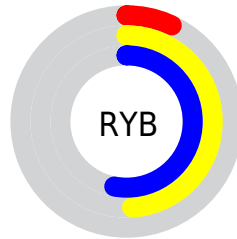
The Android color **4279404317** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **4287042172**, and the grayscale version is **4283979864**.

A 20% lighter version of the original color is **4284005713**, and **4278211584** is the 20% darker color. If you saturate the color by 10%, you get **4278486801**, and if you desaturate by 10%, it is **4280256297**.

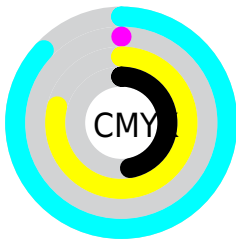
# Distribution



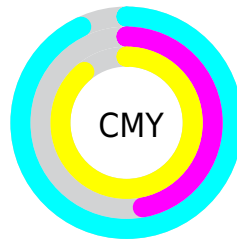
- Red (7%)
- Green (53%)
- Blue (11%)



- Red (7%)
- Yellow (49%)
- Blue (53%)



- Cyan (87%)
- Magenta (0%)
- Yellow (79%)
- Black (47%)



- Cyan (93%)
- Magenta (47%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4279404317 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 4279404317 by changing the saturation by 10% instead.





4279404317



4279404317

4294967295



4278217984



4284005713



4278211584



4285913707



4278205184



4287821702



4278199552



4289724321



4278190080



4291624892



4293525465



4294967286



4279404317



4279404317

■ 4278486801

■ 4280256297

■ 4278224653

■ 4281173813

■ 4282025794

■ 4282943310

■ 4283860826

■ 4284712806

■ 4285630323

■ 4286482303

■ 4287334283

# Harmonies

## Analogous

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



4285234176



4279404317



4278226011

# Triad

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



4279404317



4278223590



4292358740

# Complementary

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



4279404317



4287042172

# 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.



4291769485



4279404317



4281495523

# Square

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



4279404317



4278225866



4288828098



4291120924

# Rectangle

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



4279404317



4278226564



4288828098



4292357735



# Sweetspot

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



4279404317



4286754951



4286416658



4282276160



4292467161



4284045657



# Same Dimension

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



4279404317



4278235153



4279404374



4282139196



4278223372



4278190848



# Inverse Universe

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



4287042172



4289724575



4287042115



4282530882



4286709878

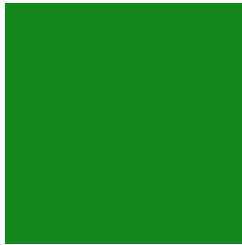


4278386690



# Previews

## White Background



This preview shows how the Android color 4279404317 looks on a white background.

## Color Contrast Check

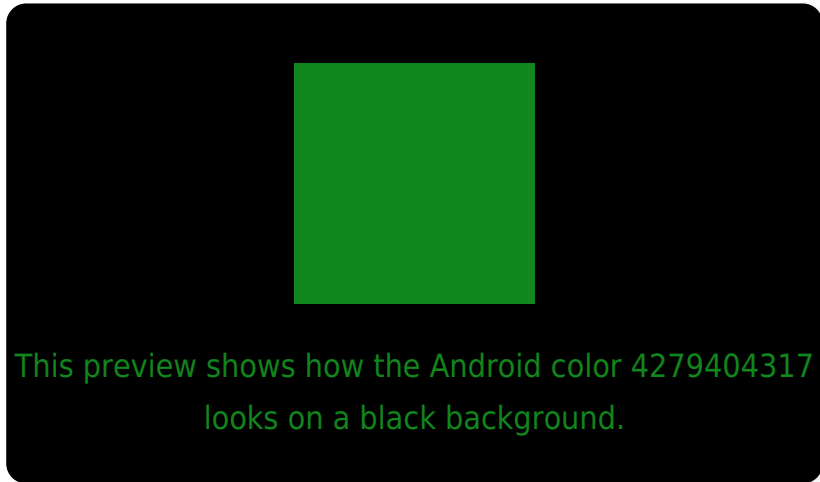
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ 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 4279404317 Background



This preview shows how black text looks on a background with the Android color 4279404317.



This preview shows how white text looks on a background with the Android color 4279404317.

# 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**  
4279404317

**Protanopia**  
4286739480

**Deuteranopia**  
4287655464



# Trichromacy



**Original Color**

4279404317



**Protanomaly**

4284054298



**Deuteranomaly**

4284643108



**Tritanomaly**

4281041249

# Monochromacy



**Original Color**

4279404317



**Achromatopsia**

4283979864



**Achromatomaly**

4282345795

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4279404317 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(18, 135, 29)` looks like.

```
.text, #text, p{  
    color:rgb(18, 135, 29)  
}
```

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(18, 135, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 135, 29) }
```

## Border

The CSS property to change the border of an element to Android 4279404317 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(18, 135, 29) }
```

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

```
.border{ border-color:rgb(18, 135, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(18, 135, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 135, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 135, 29);  
box-shadow:4px 4px 4px 4px rgb(18, 135,  
29) }
```

# Background

The CSS property to change the background color of an element to Android 4279404317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 135, 29) }
```

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

```
.background{ background-color: rgb(18, 135,  
29) }
```

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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