

# Converting Colors

Android(4279607860)

Have a look what the booklet for  
Android(4279607860) contains.

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# Color

**Android(4279607860)**

# Conversions

## Conversions Part 1

Format	Color
Hex	15A234
RGB	21, 162, 52
RGB Percent	8%, 64%, 20%
CMY	0.9176, 0.3647, 0.7961
CMYK	0.87, 0.00, 0.68, 0.36
HSL	133°, 77%, 36%
HSV	133°, 87%, 64%
XYZ	13.8494, 26.2480, 7.5852
YIQ	107.3010, -48.7260, -64.1020

# Conversions

## Conversions Part 2

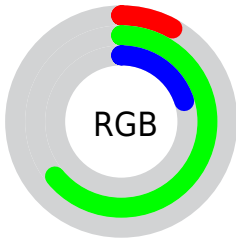
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	21, 137, 162
Decimal	1417780
CIE <sub>Lab</sub>	58.27, -57.03, 45.76
CIE <sub>LCh</sub>	58, 73.119, 141.256
Yxy	26.2480, 0.2904, 0.5505
Android (android.graphics.Color)	4279607860 (0xFF15A234)
YUV	107.3010, -27.2634, -75.6860
Hunter-Lab	51.2328, -41.4047, 27.0848

# Details

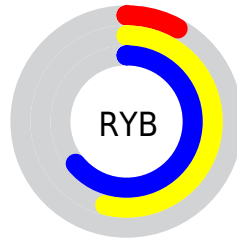
The Android color `4279607860` is a dark color, and the websafe version is hex `009933`. A complement of this color would be `4288812419`, and the grayscale version is `4285295724`.

A 20% lighter version of the original color is `4284537448`, and `4278217984` is the 20% darker color. If you saturate the color by 10%, you get `4278559271`, and if you desaturate by 10%, it is `4280656449`.

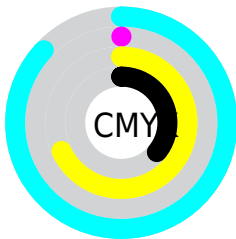
# Distribution



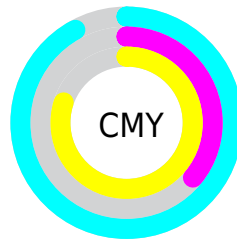
- Red (8%)
- Green (64%)
- Blue (20%)



- Red (8%)
- Yellow (54%)
- Blue (64%)



- Cyan (87%)
- Magenta (0%)
- Yellow (68%)
- Black (36%)



- Cyan (92%)
- Magenta (36%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4279607860 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 4279607860 by changing the saturation by 10% instead.



 4279607860

 4279607860

4294967295

 4278224664

 4284537448

 4278217984

 4286510978

 4278211328

 4288479133

 4278205184

 4290379705

 4278199040

 4292345813

 4278190080

 4294311922

 4279607860

 4279607860

 4278559271

 4280656449

■ 4278231588

■ 4281705037

■ 4282819162

■ 4283867751

■ 4284916339

■ 4285964928

■ 4287013516

■ 4288127641

■ 4289176230

# Harmonies

## Analogous

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



4286420480



4279607860



4278233207

# Triad

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



4279607860



4278229503



4294658402

# Complementary

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



4279607860



4288812419

# 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.



4294199202



4279607860



4284318719

# Square

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



4279607860



4278232560



4291192029



4293158437

# Rectangle

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



4279607860



4278233507



4291192029



4294788215



# Sweetspot

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



4279607860



4288533673



4286816789



4283067217



4293651435



4285229931



# Same Dimension

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



4279607860



4278244399



4279607930



4282995275



4278227232



4278194692



# Inverse Universe

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



4288812419



4292083877



4288812349



4283582800



4287692913



4279369742



# Previews

## White Background



This preview shows how the Android color 4279607860 looks on a white background.

## Color Contrast Check

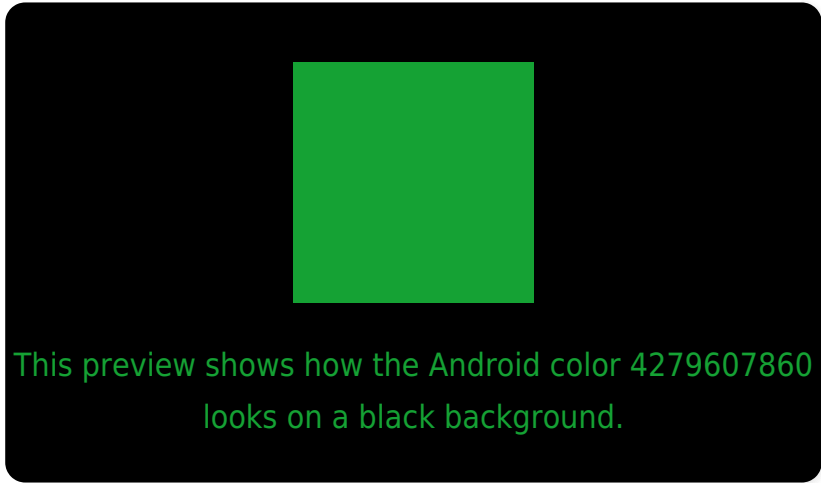
Large Text (above 18pt) WCAG AA ✓ Pass

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 4279607860 Background



This preview shows how black text looks on a background with the Android color 4279607860.



This preview shows how white text looks on a background with the Android color 4279607860.

# 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**  
4279607860

**Protanopia**  
4288449326

**Deuteranopia**  
4289496126



# Trichromacy



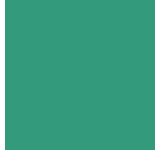
**Original Color**  
4279607860



**Protanomaly**  
4285240112



**Deuteranomaly**  
4285894458



**Tritanomaly**  
4281572219

# Monochromacy



**Original Color**  
4279607860



**Achromatopsia**  
4285229931



**Achromatomaly**  
4283203415

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4279607860 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(21, 162, 52)` looks like.

```
.text, #text, p{  
    color:rgb(21, 162, 52)  
}
```

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(21, 162, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 162, 52) }
```

## Border

The CSS property to change the border of an element to Android 4279607860 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(21, 162, 52) }
```

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

```
.border{ border-color:rgb(21, 162, 52) }
```

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

Here you see how a box with a 4 pixel rgb(21, 162, 52) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 162, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 162, 52);  
box-shadow:4px 4px 4px 4px rgb(21, 162,  
52) }
```

# Background

The CSS property to change the background color of an element to Android 4279607860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 162, 52) }
```

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

```
.background{ background-color: rgb(21, 162,  
52) }
```

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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