

# Converting Colors

Android(4280457540)

Have a look what the booklet for  
Android(4280457540) contains.

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# Color

**Android(4280457540)**

# Conversions

## Conversions Part 1

Format	Color
Hex	229944
RGB	34, 153, 68
RGB Percent	13%, 60%, 27%
CMY	0.8667, 0.4000, 0.7333
CMYK	0.78, 0.00, 0.56, 0.40
HSL	137°, 64%, 37%
HSV	137°, 78%, 60%
XYZ	13.0943, 23.5399, 9.3224
YIQ	107.7290, -43.6390, -51.6630

# Conversions

## Conversions Part 2

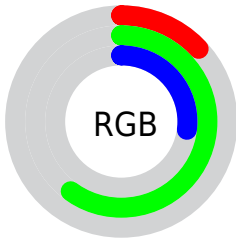
<b>Format</b>	<b>Color</b>
<b>RYB</b>	34, 127, 153
Decimal	2267460
CIELab	55.62, -50.49, 35.34
CIELCh	56, 61.628, 145.009
Yxy	23.5399, 0.2849, 0.5122
Android (android.graphics.Color)	4280457540 (0xFF229944)
YUV	107.7290, -19.5864, -64.6603
Hunter-Lab	48.5179, -36.7318, 22.5704

# Details

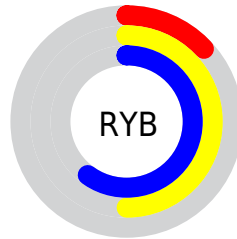
The Android color `4280457540` is a dark color, and the websafe version is hex `339933`. A complement of this color would be `4288225911`, and the grayscale version is `4285295724`.

A 20% lighter version of the original color is `4284731510`, and `4278215699` is the 20% darker color. If you saturate the color by 10%, you get `4279474489`, and if you desaturate by 10%, it is `4281440591`.

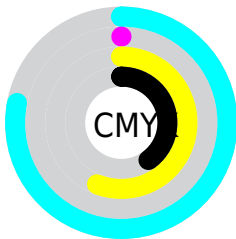
# Distribution



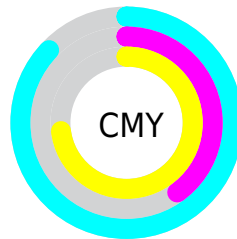
- Red (13%)
- Green (60%)
- Blue (27%)



- Red (13%)
- Yellow (50%)
- Blue (60%)



- Cyan (78%)
- Magenta (0%)
- Yellow (56%)
- Black (40%)



- Cyan (87%)
- Magenta (40%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280457540 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 4280457540 by changing the saturation by 10% instead.



 4280457540

 4280457540

4294967295

 4278222380

 4284731510

 4278215699

 4286639505

 4278209280

 4288544684

 4278203392

 4290445255

 4278197248

 4292345828

 4278190080

 4294311935

 4280457540

 4280457540

 4279474489

 4281440591

■ 4278425902

■ 4282489178

■ 4278229292

■ 4283472229

■ 4284455280

■ 4285438331

■ 4286486918

■ 4287469969

■ 4288453019

■ 4289501606

# Harmonies

## Analogous

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



4285829138



4280457540



4278230394

# Triad

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



4280457540



4278226672



4293088603

# Complementary

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



4280457540



4288225911

# 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.



4292890769



4280457540



4285758439

# Square

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



4280457540



4278229468



4290601667



4291717676

# Rectangle

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



4280457540



4278230687



4290601667



4293218413



# Sweetspot

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



4280457540



4288268198



4286028066



4282934096



4293125091



4284703587



# Same Dimension

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



4280457540



4279158595



4280457599



4282731847



4278225960



4278193412



# Inverse Universe

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



4288225911



4291235474



4288225852



4283254090



4287365220



4279042057



# Previews

## White Background



This preview shows how the Android color 4280457540 looks on a white background.

## Color Contrast Check

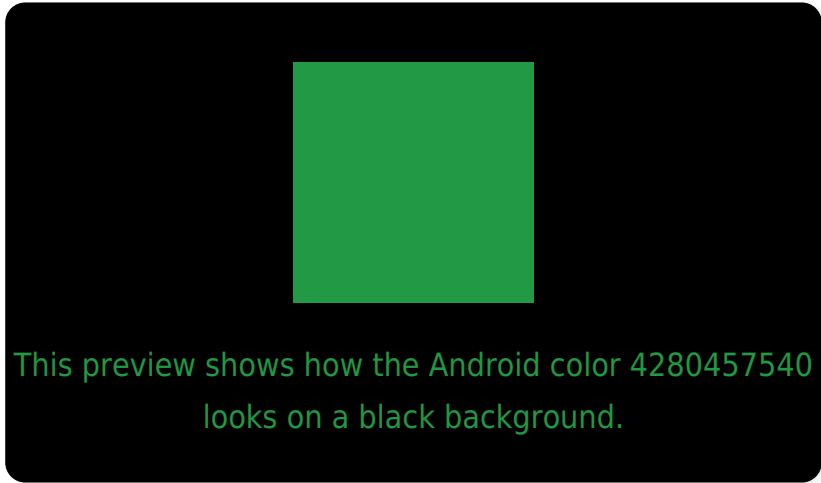
Large Text (above 18pt) WCAG AA ✓ Pass

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

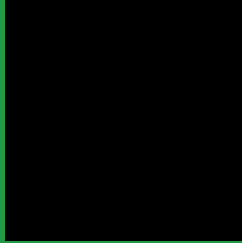
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



# Android 4280457540 Background



This preview shows how black text looks on a background with the Android color 4280457540.



This preview shows how white text looks on a background with the Android color 4280457540.

# 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**

4280457540



**Protanomaly**

4285172800



**Deuteranomaly**

4285761608



**Tritanomaly**

4281832315

# Monochromacy



**Original Color**

4280457540



**Achromatopsia**

4285295724



**Achromatomaly**

4283530333

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280457540 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(34, 153, 68)` looks like.

```
.text, #text, p{  
    color:rgb(34, 153, 68)  
}
```

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(34, 153, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 153, 68) }
```

## Border

The CSS property to change the border of an element to Android 4280457540 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(34, 153, 68) }
```

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

```
.border{ border-color:rgb(34, 153, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 153, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 153, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 153, 68);  
box-shadow:4px 4px 4px 4px rgb(34, 153,  
68) }
```

# Background

The CSS property to change the background color of an element to Android 4280457540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 153, 68) }
```

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

```
.background{ background-color: rgb(34, 153,  
68) }
```

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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