

# Converting Colors

Android(4280048936)

Have a look what the booklet for  
Android(4280048936) contains.

<b>Android(4280048936)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Android(4280048936)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1C5D28
RGB	28, 93, 40
RGB Percent	11%, 36%, 16%
CMY	0.8902, 0.6353, 0.8431
CMYK	0.70, 0.00, 0.57, 0.64
HSL	131°, 54%, 24%
HSV	131°, 70%, 36%
XYZ	4.7762, 8.2288, 3.3441
YIQ	67.5230, -21.7270, -30.2630

# Conversions

## Conversions Part 2

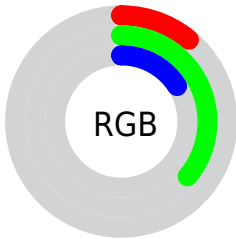
Format	Color
<b>RYB</b>	28, 83, 93
Decimal	1858856
CIELab	34.45, -32.97, 24.36
CIELCh	34, 40.991, 143.541
Yxy	8.2288, 0.2921, 0.5033
Android (android.graphics.Color)	4280048936 (0xFF1C5D28)
YUV	67.5230, -13.5688, -34.6617
Hunter-Lab	28.6858, -20.4797, 13.1683

# Details

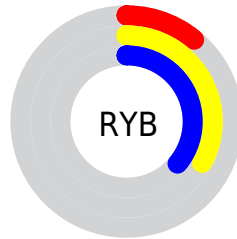
The Android color **4280048936** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **4284292177**, and the grayscale version is **4282664004**.

A 20% lighter version of the original color is **4283535447**, and **4278201856** is the 20% darker color. If you saturate the color by 10%, you get **4279459104**, and if you desaturate by 10%, it is **4280638768**.

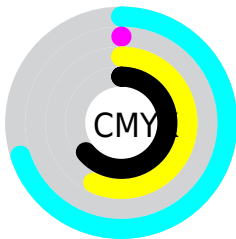
# Distribution



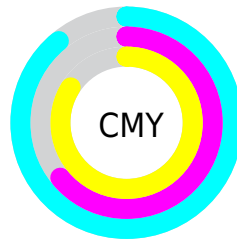
- Red (11%)
- Green (36%)
- Blue (16%)



- Red (11%)
- Yellow (33%)
- Blue (36%)



- Cyan (70%)
- Magenta (0%)
- Yellow (57%)
- Black (64%)



- Cyan (89%)
- Magenta (64%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280048936 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 4280048936 by changing the saturation by 10% instead.





4280048936



4280048936

4294967295



4278207762



4283535447



4278201856



4285246319



4278196224



4287022729



4278190080



4288799652



4290641855



4292476891



4294377463



4280048936



4280048936

■ 4279459104

■ 4280638768

■ 4278803737

■ 4281294135

■ 4278213905

■ 4281883967

■ 4282473798

■ 4283063630

■ 4283718997

■ 4284308829

■ 4284898661

■ 4285554028

# Harmonies

## Analogous

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



4282996493



4280048936



4278214729

# Triad

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



4280048936



4278212498



4287312953

# Complementary

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



4280048936



4284292177

# 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.



4287115866



4280048936



4282665869

# Square

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



4280048936



4278214277



4285676920



4286529564

# Rectangle

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



4280048936



4278214751



4285676920



4287377988



# Sweetspot

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



4280048936



4284446819



4283522332



4281220401



4290624957



4282203453



# Same Dimension

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



4280048936



4279466022



4280048968



4280888874



4278218260



4278250796



# Inverse Universe

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



4284292177



4286059365



4284292145



4281215277



4285399129

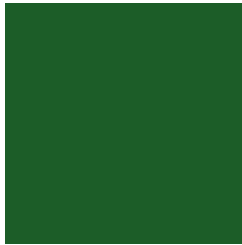


4293722305



# Previews

## White Background



This preview shows how the Android color 4280048936 looks on a white background.

## Color Contrast Check

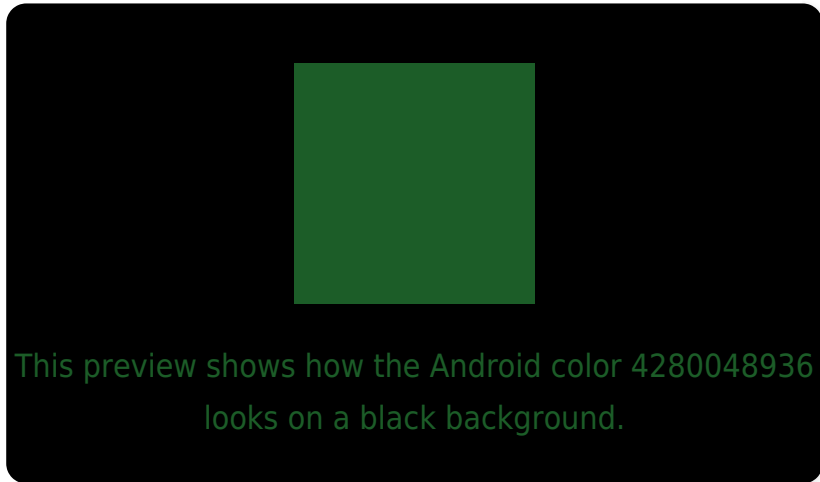
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280048936 Background



This preview shows how black text looks on a background with the Android color 4280048936.



This preview shows how white text looks on a background with the Android color 4280048936.

# 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**  
4280048936

**Protanopia**  
4284109092

**Deuteranopia**  
4284697900



# Trichromacy



**Original Color**  
4280048936

**Protanomaly**  
4282602789

**Deuteranomaly**  
4282995499

**Tritanomaly**  
4280768842

# Monochromacy



**Original Color**  
4280048936

**Achromatopsia**  
4282664004

**Achromatomaly**  
4281683258

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280048936 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(28, 93, 40)` looks like.

```
.text, #text, p{  
    color:rgb(28, 93, 40)  
}
```

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(28, 93, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 93, 40) }
```

## Border

The CSS property to change the border of an element to Android 4280048936 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(28, 93, 40) }
```

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

```
.border{ border-color:rgb(28, 93, 40) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 93, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 93, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 93, 40);  
box-shadow:4px 4px 4px 4px rgb(28, 93, 40)  
}
```

# Background

The CSS property to change the background color of an element to Android 4280048936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 93, 40) }
```

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

```
.background{ background-color: rgb(28, 93,  
40) }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor