

# Converting Colors

Android(4282044753)

Have a look what the booklet for  
Android(4282044753) contains.

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# **Color**

**Android(4282044753)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3AD151
RGB	58, 209, 81
RGB Percent	23%, 82%, 32%
CMY	0.7725, 0.1804, 0.6824
CMYK	0.72, 0.00, 0.61, 0.18
HSL	129°, 62%, 52%
HSV	129°, 72%, 82%
XYZ	26.0306, 47.0946, 15.5028
YIQ	149.2590, -48.9080, -71.8200

# Conversions

## Conversions Part 2

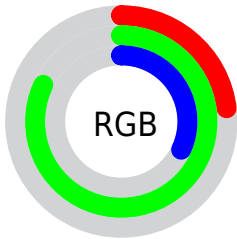
<b>Format</b>	<b>Color</b>
<b>RYB</b>	58, 189, 209
Decimal	3854673
CIELab	74.25, -64.31, 51.17
CIELCh	74, 82.181, 141.491
Yxy	47.0946, 0.2937, 0.5314
Android (android.graphics.Color)	4282044753 (0xFF3AD151)
YUV	149.2590, -33.6517, -80.0341
Hunter-Lab	68.6255, -52.3871, 34.6440

# Details

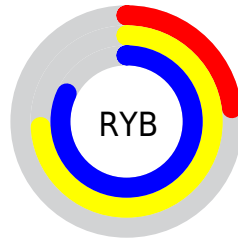
The Android color `4282044753` is a dark color, and the websafe version is hex `33CC33`. The color can be described as dark muted green. A complement of this color would be `4291902138`, and the grayscale version is `4288059030`.

A 20% lighter version of the original color is `4286513030`, and `4278229273` is the 20% darker color. If you saturate the color by 10%, you get `4280668479`, and if you desaturate by 10%, it is `4283421027`.

# Distribution



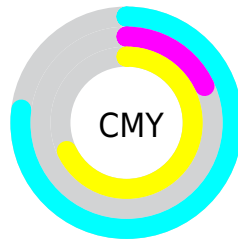
- Red (23%)
- Green (82%)
- Blue (32%)



- Red (23%)
- Yellow (74%)
- Blue (82%)



- Cyan (72%)
- Magenta (0%)
- Yellow (61%)
- Black (18%)



- Cyan (77%)
- Magenta (18%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282044753 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 4282044753 by changing the saturation by 10% instead.





4282044753



4282044753

4294967295



4278236470



4286513030



4278229273



4288544674



4278222336



4290510782



4278215680



4292542426



4278209024



4294508535



4278203136



4278195968



4278190080



4282044753



4282044753

■ 4280668479

■ 4283421027

■ 4279292206

■ 4284797300

■ 4278243616

■ 4286173574

■ 4287549848

■ 4288926122

■ 4290236859

■ 4291613133

■ 4292989407

■ 4294365680

# Harmonies

## Analogous

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



4289118976



4282044753



4278245534

# Triad

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



4282044753



4278241023



4294929796

# Complementary

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



4282044753



4291902138

# 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.



4294929103



4282044753



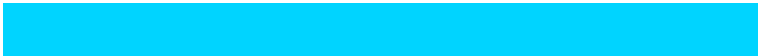
4287081727

# Square

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



4282044753



4278244607



4294740223



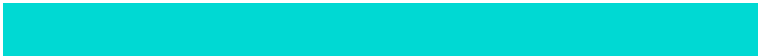
4294937407

# Rectangle

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



4282044753



4278245843



4294740223



4294928285

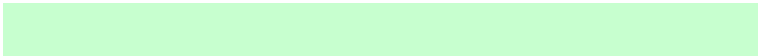


# Sweetspot

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



4282044753



4291297231



4290433338



4284383331



4278190080



4286611584



# Same Dimension

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



4282044753



4280418115



4282044828



4284377440



4278233114



4278200582



# Inverse Universe

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



4291902138



4294910429



4291902063



4285095527



4289200271

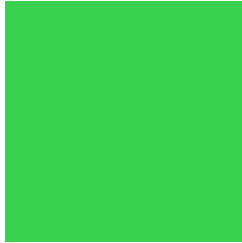


4280877091



# Previews

## White Background



This preview shows how the Android color 4282044753 looks on a white background.

## Color Contrast Check

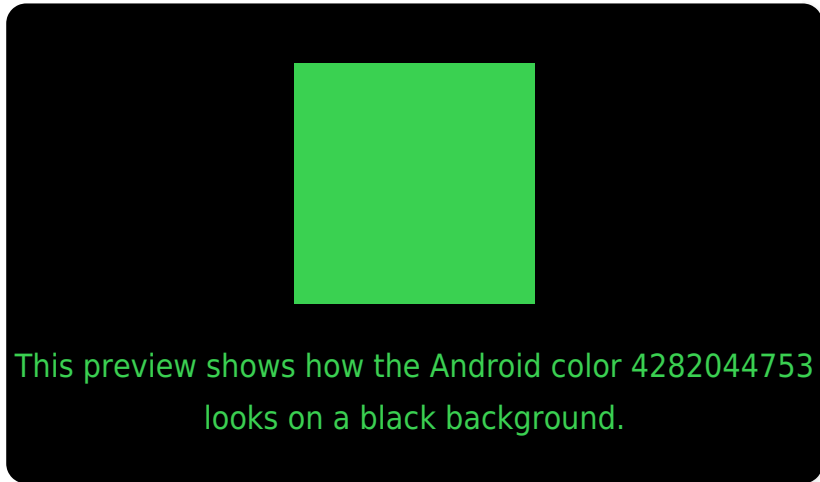
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# 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 ✓ Pass

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



# Android 4282044753 Background



This preview shows how black text looks on a background with the Android color 4282044753.



This preview shows how white text looks on a background with the Android color 4282044753.

# 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



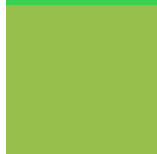


# Trichromacy



**Original Color**

4282044753



**Protanomaly**

4288069452



**Deuteranomaly**

4288854360



**Tritanomaly**

4283746724

# Monochromacy



**Original Color**

4282044753



**Achromatopsia**

4287993237



**Achromatomaly**

4285836156

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282044753 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(58, 209, 81)` looks like.

```
.text, #text, p{  
    color:rgb(58, 209, 81)  
}
```

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(58, 209, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 209, 81) }
```

## Border

The CSS property to change the border of an element to Android 4282044753 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(58, 209, 81) }
```

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

```
.border{ border-color:rgb(58, 209, 81) }
```

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

Here you see how a box with a 4 pixel rgb(58, 209, 81) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 209, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 209, 81);  
box-shadow:4px 4px 4px 4px rgb(58, 209,  
81) }
```

# Background

The CSS property to change the background color of an element to Android 4282044753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 209, 81) }
```

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

```
.background{ background-color: rgb(58, 209,  
81) }
```

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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