

# Converting Colors

Android(4283091552)

Have a look what the booklet for  
Android(4283091552) contains.

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# **Color**

**Android(4283091552)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4ACA60
RGB	74, 202, 96
RGB Percent	29%, 79%, 38%
CMY	0.7098, 0.2078, 0.6235
CMYK	0.63, 0.00, 0.52, 0.21
HSL	130°, 55%, 54%
HSV	130°, 63%, 79%
XYZ	26.0559, 44.5414, 18.2904
YIQ	151.6440, -42.2620, -60.1020

# Conversions

## Conversions Part 2

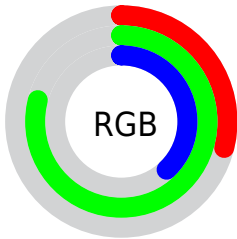
Format	Color
<a href="#">RYB</a>	<a href="#">74, 183, 202</a>
Decimal	<a href="#">4901472</a>
CIELab	<a href="#">72.59, -57.04, 42.39</a>
CIELCh	<a href="#">73, 71.066, 143.385</a>
Yxy	<a href="#">44.5414, 0.2931, 0.5011</a>
Android (android.graphics.Color)	<a href="#">4283091552 (0xFF4ACA60)</a>
YUV	<a href="#">151.6440, -27.4325, -68.0938</a>
Hunter-Lab	<a href="#">66.7394, -47.1052, 30.4687</a>

# Details

The Android color `4283091552` is a dark color, and the websafe version is hex `33CC66`. The color can be described as dark muted spring green. A complement of this color would be `4291447476`, and the grayscale version is `4288190616`.

A 20% lighter version of the original color is `4287102869`, and `4278227757` is the 20% darker color. If you saturate the color by 10%, you get `4281780815`, and if you desaturate by 10%, it is `4284402289`.

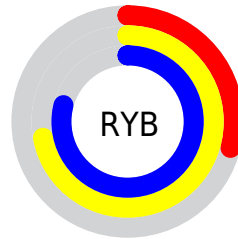
# Distribution



Red (29%)

Green (79%)

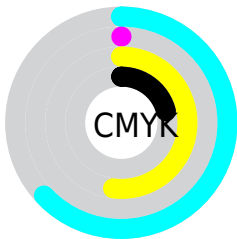
Blue (38%)



Red (29%)

Yellow (72%)

Blue (79%)

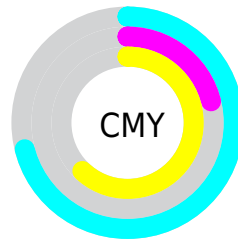


Cyan (63%)

Magenta (0%)

Yellow (52%)

Black (21%)



Cyan (71%)

Magenta (21%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283091552 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 4283091552 by changing the saturation by 10% instead.





4283091552



4283091552

4294967295



4280593991



4287102869



4278227757



4289068976



4278220818



4291035084



4278214144



4293001193



4278207744



4278202112



4278194176




4278190080



4283091552



4283091552

 4281780815

 4284402289

 4280470079

 4285713025


 4279093806

 4287089298

 4278241827

 4288400035

 4289710772

 4291021508

 4292332245

 4293708518

 4294953719

# Harmonies

## Analogous

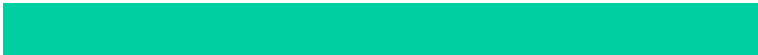
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4288855595



4283091552



4278243489

# Triad

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



4283091552



4278238975



4294932610

# Complementary

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



4283091552



4291447476

# 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.



4294931907



4283091552



4288129023

# Square

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



4283091552



4278242303



4294150911



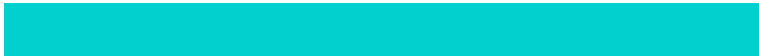
4294938698

# Rectangle

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



4283091552



4278243790



4294150911



4294931608

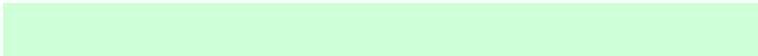


# Sweetspot

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



4283091552



4291821527



4290103882



4284645479



4278190080



4286611584



# Same Dimension

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



4283091552



4282253151



4283091615



4284245598



4278232604



4278199815



# Inverse Universe

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



4291447476



4294917598



4291447413



4284898404



4289069193



4280680480



# Previews

## White Background



This preview shows how the Android color 4283091552 looks on a white background.

## Color Contrast Check

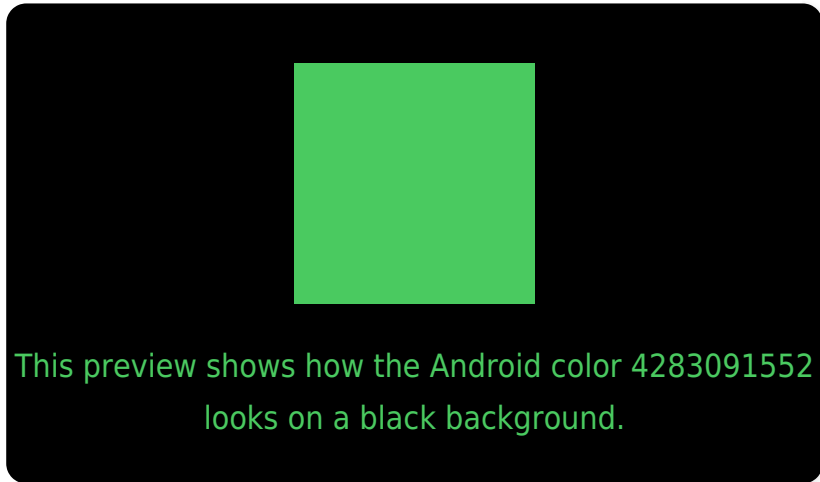
Large Text (above 18pt) WCAG AA × Fail

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 4283091552 Background



This preview shows how black text looks on a background with the Android color 4283091552.



This preview shows how white text looks on a background with the Android color 4283091552.

# 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**  
4283091552

**Protanopia**  
4291015000

**Deuteranopia**  
4292323689



# Trichromacy



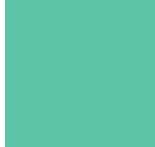
**Original Color**  
4283091552



**Protanomaly**  
4288133723



**Deuteranomaly**  
4288984422



**Tritanomaly**  
4284334758

# Monochromacy



**Original Color**  
4283091552



**Achromatopsia**  
4288190616



**Achromatomaly**  
4286360196

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283091552 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(74, 202, 96)` looks like.

```
.text, #text, p{  
    color:rgb(74, 202, 96)  
}
```

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(74, 202, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 202, 96) }
```

## Border

The CSS property to change the border of an element to Android 4283091552 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(74, 202, 96) }
```

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

```
.border{ border-color:rgb(74, 202, 96) }
```

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

Here you see how a box with a 4 pixel rgb(74, 202, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 202, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 202, 96);  
box-shadow:4px 4px 4px 4px rgb(74, 202,  
96) }
```

# Background

The CSS property to change the background color of an element to Android 4283091552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 202, 96) }
```

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

```
.background{ background-color: rgb(74, 202,  
96) }
```

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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