

# Converting Colors

Android(4283020873)

Have a look what the booklet for  
Android(4283020873) contains.

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# **Color**

**Android(4283020873)**

# Conversions

## Conversions Part 1

Format	Color
Hex	49B649
RGB	73, 182, 73
RGB Percent	29%, 71%, 29%
CMY	0.7137, 0.2863, 0.7137
CMYK	0.60, 0.00, 0.60, 0.29
HSL	120°, 43%, 50%
HSV	120°, 60%, 71%
XYZ	20.6782, 35.3534, 12.0374
YIQ	136.9830, -29.9750, -57.0070

# Conversions

## Conversions Part 2

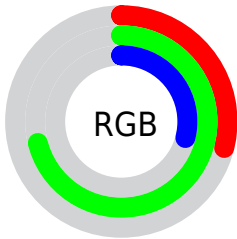
Format	Color
<a href="#">RYB</a>	<a href="#">73, 182, 182</a>
Decimal	<a href="#">4830793</a>
CIELab	<a href="#">66.02, -52.83, 45.43</a>
CIELCh	<a href="#">66, 69.675, 139.306</a>
Yxy	<a href="#">35.3534, 0.3038, 0.5194</a>
Android (android.graphics.Color)	<a href="#">4283020873 (0xFF49B649)</a>
YUV	<a href="#">136.9830, -31.5436, -56.1131</a>
Hunter-Lab	<a href="#">59.4587, -41.9751, 29.6179</a>

# Details

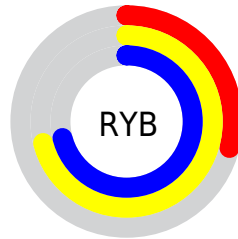
The Android color **4283020873** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **4290136502**, and the grayscale version is **4287203721**.

A 20% lighter version of the original color is **4286902141**, and **4278222867** is the 20% darker color. If you saturate the color by 10%, you get **4281841207**, and if you desaturate by 10%, it is **4284200539**.

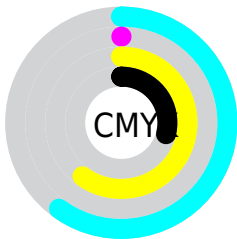
# Distribution



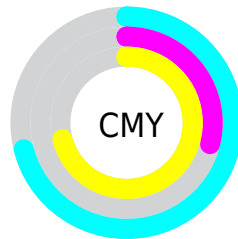
- Red (29%)
- Green (71%)
- Blue (29%)



- Red (29%)
- Yellow (71%)
- Blue (71%)



- Cyan (60%)
- Magenta (0%)
- Yellow (60%)
- Black (29%)



- Cyan (71%)
- Magenta (29%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283020873 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 4283020873 by changing the saturation by 10% instead.



 4283020873

 4283020873

4294967295

 4280785711

 4286902141

 4278222867

 4288806808

 4278216192

 4290707379

 4278209792

 4292673488

 4278203648


 4294639596

 4278197504

 4278190080

 4283020873

 4283020873

 4281841207

 4284200539

 4280661541

 4285380205

 4279416338


 4286625408

 4278236672

 4287805074

 4288984740

 4290164406

 4291344072

 4292589275

 4293768941

# Harmonies

## Analogous

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



4288260625



4283020873



4278238343

# Triad

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



4283020873



4278234879



4294927739

# Complementary

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



4283020873



4290136502

# 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.



4294927802



4283020873



4285700607

# Square

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



4283020873



4278237950



4292181491



4294736706

# Rectangle

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



4283020873



4278238899



4292181491



4294926736

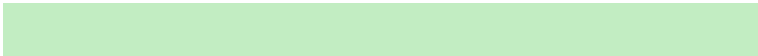


# Sweetspot

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



4283020873



4290964930



4290164297



4284315741



4294440951



4286085240



# Same Dimension

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



4283020873



4282576194



4283020928



4283653203



4278230016



4278197248



# Inverse Universe

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



4290136502



4293739245



4290136448



4284240732



4288413852



4280025116



# Previews

## White Background



This preview shows how the Android color 4283020873 looks on a white background.

## Color Contrast Check

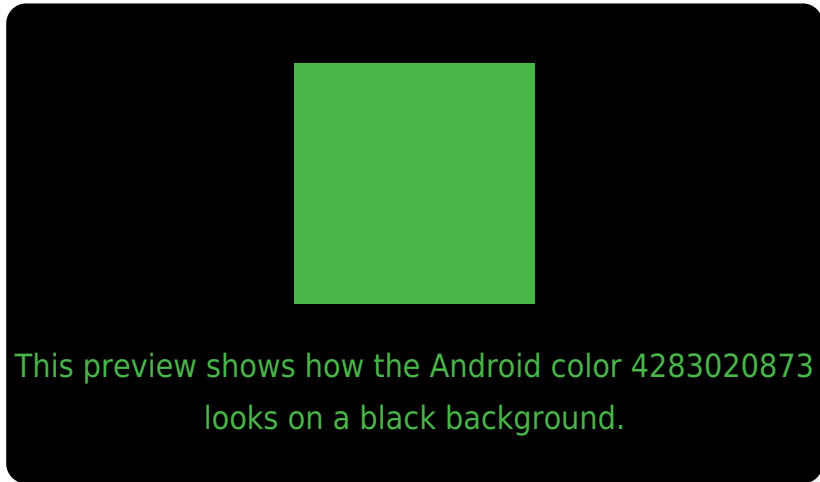
Large Text (above 18pt) WCAG AA × Fail

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 4283020873 Background



This preview shows how black text looks on a background with the Android color 4283020873.



This preview shows how white text looks on a background with the Android color 4283020873.

# 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**  
4283020873



**Protanomaly**  
4287342661



**Deuteranomaly**  
4288127823



**Tritanomaly**  
4284133264

# Monochromacy



**Original Color**  
4283020873



**Achromatopsia**  
4287203721



**Achromatomaly**  
4285700466

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283020873 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(73, 182, 73)` looks like.

```
.text, #text, p{  
    color:rgb(73, 182, 73)  
}
```

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(73, 182, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 182, 73) }
```

## Border

The CSS property to change the border of an element to Android 4283020873 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(73, 182, 73) }
```

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

```
.border{ border-color:rgb(73, 182, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 182, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 182, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 182, 73);  
box-shadow:4px 4px 4px 4px rgb(73, 182,  
73) }
```

# Background

The CSS property to change the background color of an element to Android 4283020873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 182, 73) }
```

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

```
.background{ background-color: rgb(73, 182,  
73) }
```

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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