

# Converting Colors

Android(4283423503)

Have a look what the booklet for  
Android(4283423503) contains.

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# **Color**

**Android(4283423503)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4FDB0F
RGB	79, 219, 15
RGB Percent	31%, 86%, 6%
CMY	0.6902, 0.1412, 0.9412
CMYK	0.64, 0.00, 0.93, 0.14
HSL	101°, 87%, 46%
HSV	101°, 93%, 86%
XYZ	28.6422, 52.3598, 9.0488
YIQ	153.8840, -17.9560, -93.1240

# Conversions

## Conversions Part 2

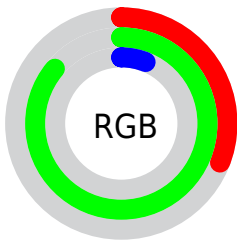
<b>Format</b>	<b>Color</b>
<b>RYB</b>	15, 219, 155
Decimal	5233423
CIELab	77.50, -67.78, 73.92
CIElCh	77, 100.292, 132.519
Yxy	52.3598, 0.3181, 0.5814
Android (android.graphics.Color)	4283423503 (0xFF4FDB0F)
YUV	153.8840, -68.4698, -65.6733
Hunter-Lab	72.3601, -55.9747, 43.2377

# Details

The Android color `4283423503` is a dark color, and the websafe version is hex `33CC00`. The color can be described as dark washed green. A complement of this color would be `4288352219`, and the grayscale version is `4288387995`.

A 20% lighter version of the original color is `4287758169`, and `4278231808` is the 20% darker color. If you saturate the color by 10%, you get `4282768128`, and if you desaturate by 10%, it is `4284406565`.

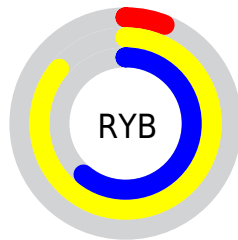
# Distribution



Red (31%)

Green (86%)

Blue (6%)



Red (6%)

Yellow (86%)

Blue (61%)

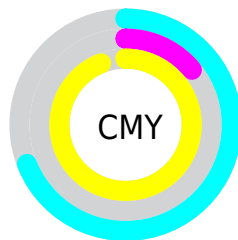


Cyan (64%)

Magenta (0%)

Yellow (93%)

Black (14%)



Cyan (69%)

Magenta (14%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283423503 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 4283423503 by changing the saturation by 10% instead.





4283423503



4283423503

4294967295



4280598016



4287758169



4278231808



4289789814



4278224640



4291821459



4278217984



4293853104



4278211328



4294967246



4278205184



4294967275



4278198528



4278190080



4283423503



4283423503

■ 4282768128

■ 4284406565

■ 4285389627

■ 4286372689

■ 4287355751

■ 4288338813

■ 4289321874

■ 4290304936

■ 4291287998

■ 4292271060

# Harmonies

## Analogous

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



4291020800



4283423503



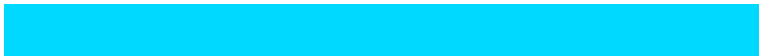
4278248836

# Triad

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



4283423503



4278245887



4294921373

# Complementary

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



4283423503



4288352219

# 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.



4294925562



4283423503



4278238975

# Square

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



4283423503



4278249215



4294087423



4294932547

# Rectangle

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



4283423503



4278249669



4294087423



4294920380

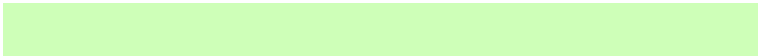


# Sweetspot

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



4283423503



4291755960



4292581903



4284645460



4278190080



4286611584



# Same Dimension

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



4283423503



4283498240



4279229236



4284903011



4281773312



4279119360



# Inverse Universe

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



4288352219



4289659135



4292546486



4285162350



4285989037

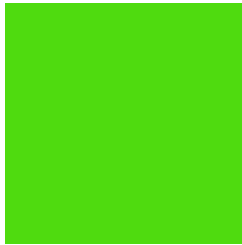


4280287278



# Previews

## White Background



This preview shows how the Android color 4283423503 looks on a white background.

## Color Contrast Check

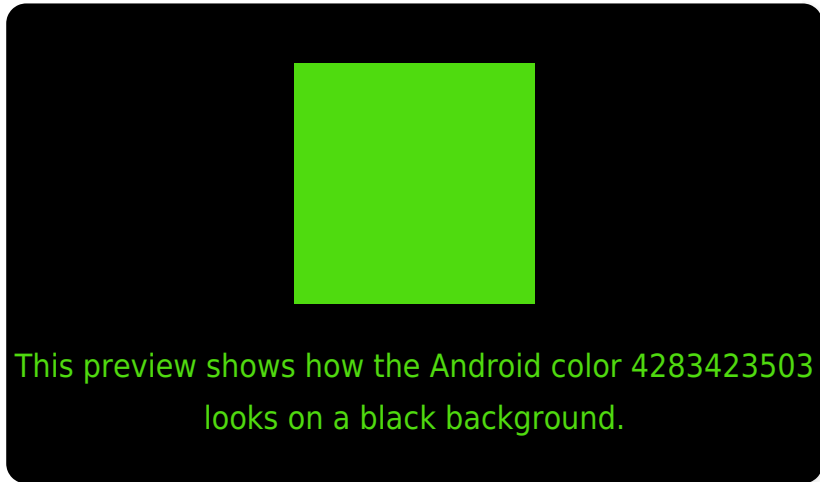
Large Text (above 18pt) WCAG AA × Fail

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 4283423503 Background



This preview shows how black text looks on a background with the Android color 4283423503.



This preview shows how white text looks on a background with the Android color 4283423503.

# 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**  
4283423503

**Protanopia**  
4292263424

**Deuteranopia**  
4293899312



# Trichromacy



**Original Color**

4283423503



**Protanomaly**

4289054981



**Deuteranomaly**

4290101796



**Tritanomaly**

4285059473

# Monochromacy



**Original Color**

4283423503



**Achromatopsia**

4288322202



**Achromatomaly**

4286558823

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283423503 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(79, 219, 15)` looks like.

```
.text, #text, p{  
    color:rgb(79, 219, 15)  
}
```

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(79, 219, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 219, 15) }
```

## Border

The CSS property to change the border of an element to Android 4283423503 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(79, 219, 15) }
```

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

```
.border{ border-color:rgb(79, 219, 15) }
```

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

Here you see how a box with a 4 pixel rgb(79, 219, 15) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 219, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 219, 15);  
box-shadow:4px 4px 4px 4px rgb(79, 219,  
15) }
```

# Background

The CSS property to change the background color of an element to Android 4283423503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 219, 15) }
```

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

```
.background{ background-color: rgb(79, 219,  
15) }
```

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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