

# Converting Colors

Android(4284009523)

Have a look what the booklet for  
Android(4284009523) contains.

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# **Color**

**Android(4284009523)**

# Conversions

## Conversions Part 1

Format	Color
Hex	58CC33
RGB	88, 204, 51
RGB Percent	35%, 80%, 20%
CMY	0.6549, 0.2000, 0.8000
CMYK	0.57, 0.00, 0.75, 0.20
HSL	105°, 60%, 50%
HSV	105°, 75%, 80%
XYZ	26.2149, 45.4995, 10.5326
YIQ	151.8740, -20.0230, -72.1750

# Conversions

## Conversions Part 2

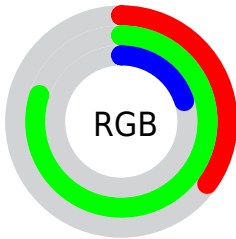
Format	Color
<b>RYB</b>	51, 204, 167
Decimal	5819443
CIELab	73.22, -59.10, 62.02
CIELCh	73, 85.668, 133.620
Yxy	45.4995, 0.3187, 0.5532
Android (android.graphics.Color)	4284009523 (0xFF58CC33)
YUV	151.8740, -49.7309, -56.0175
Hunter-Lab	67.4533, -48.6714, 37.9594

# Details

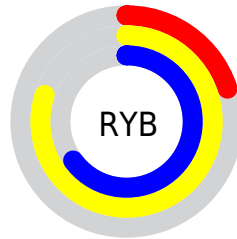
The Android color `4284009523` is a dark color, and the websafe version is hex `66CC33`. The color can be described as dark muted green. A complement of this color would be `4289147852`, and the grayscale version is `4288190616`.

A 20% lighter version of the original color is `4288020332`, and `4278228224` is the 20% darker color. If you saturate the color by 10%, you get `4283026463`, and if you desaturate by 10%, it is `4284992583`.

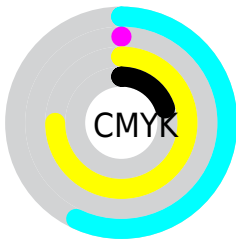
# Distribution



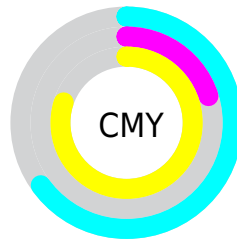
- Red (35%)
- Green (80%)
- Blue (20%)



- Red (20%)
- Yellow (80%)
- Blue (65%)



- Cyan (57%)
- Magenta (0%)
- Yellow (75%)
- Black (20%)



- Cyan (65%)
- Magenta (20%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284009523 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 4284009523 by changing the saturation by 10% instead.





4284009523



4284009523

4294967295



4281774094



4288020332



4278228224



4289986439



4278221312



4291887011



4278214656



4293918656



4278208256



4294967261



4278202368



4294967290



4278194944



4278190080



4284009523



4284009523

■ 4283026463

■ 4284992583

■ 4281977866

■ 4286041180

■ 4281453568

■ 4287024240

■ 4288072837

■ 4289055897

■ 4290104493

■ 4291087554

■ 4292136150

■ 4293119211

# Harmonies

## Analogous

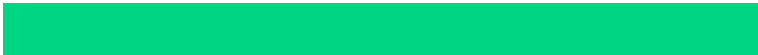
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4290165504



4284009523



4278244740

# Triad

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



4284009523



4278241791



4294925972

# Complementary

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



4284009523



4289147852

# 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.



4294928354



4284009523



4281381375

# Square

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



4284009523



4278244607



4293103103



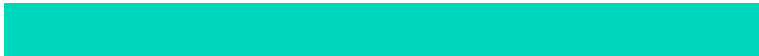
4294933577

# Rectangle

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



4284009523



4278245307



4293103103



4294925486

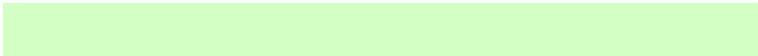


# Sweetspot

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



4284009523



4292083652



4291601971



4284776540



4278190080



4286611584



# Same Dimension

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



4284009523



4283563801



4281584729



4284376668



4280854016



4278789632



# Inverse Universe

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



4289147852



4291303935



4291572646



4284767334



4286447782



4280090662



# Previews

## White Background



This preview shows how the Android color 4284009523 looks on a white background.

## Color Contrast Check

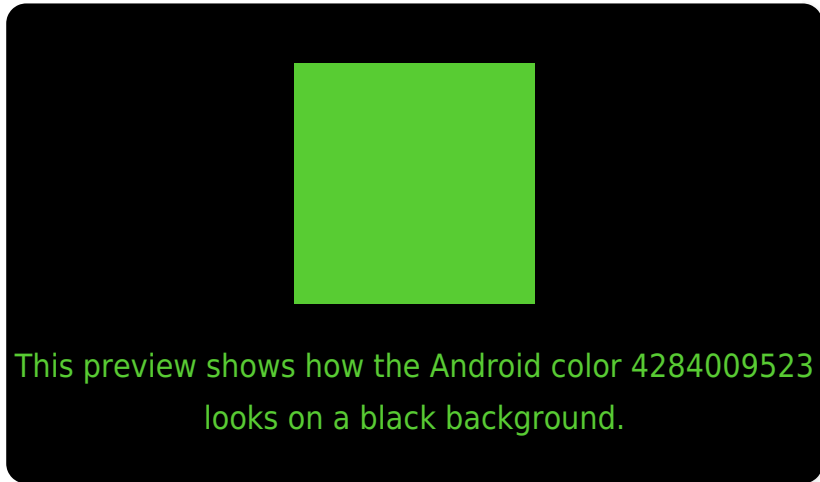
Large Text (above 18pt) WCAG AA × Fail

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 4284009523 Background



This preview shows how black text looks on a background with the Android color 4284009523.



This preview shows how white text looks on a background with the Android color 4284009523.

# 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**

4284009523



**Protanomaly**

4288658479



**Deuteranomaly**

4289639996



**Tritanomaly**

4285252502

# Monochromacy



**Original Color**

4284009523



**Achromatopsia**

4288190616



**Achromatomaly**

4286688115

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284009523 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(88, 204, 51)` looks like.

```
.text, #text, p{  
    color:rgb(88, 204, 51)  
}
```

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(88, 204, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 204, 51) }
```

## Border

The CSS property to change the border of an element to Android 4284009523 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(88, 204, 51) }
```

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

```
.border{ border-color:rgb(88, 204, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 204, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 204, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 204, 51);  
box-shadow:4px 4px 4px 4px rgb(88, 204,  
51) }
```

# Background

The CSS property to change the background color of an element to Android 4284009523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 204, 51) }
```

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

```
.background{ background-color: rgb(88, 204,  
51) }
```

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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