

# Converting Colors

Android(4283750563)

Have a look what the booklet for  
Android(4283750563) contains.

<b>Android(4283750563)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Android(4283750563)**

# Conversions

## Conversions Part 1

Format	Color
Hex	54D8A3
RGB	84, 216, 163
RGB Percent	33%, 85%, 64%
CMY	0.6706, 0.1529, 0.3608
CMYK	0.61, 0.00, 0.25, 0.15
HSL	156°, 63%, 59%
HSV	156°, 61%, 85%
XYZ	34.8229, 53.6409, 43.1687
YIQ	170.4900, -61.6590, -44.4670

# Conversions

## Conversions Part 2

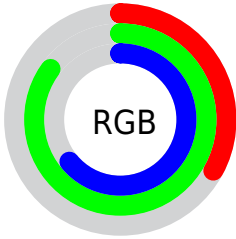
Format	Color
<a href="#">RYB</a>	<a href="#">84, 167, 216</a>
Decimal	<a href="#">5560483</a>
CIELab	<a href="#">78.25, -48.48, 15.58</a>
CIELCh	<a href="#">78, 50.922, 162.188</a>
Yxy	<a href="#">53.6409, 0.2645, 0.4075</a>
Android (android.graphics.Color)	<a href="#">4283750563</a> ( <a href="#">0xFF54D8A3</a> )
YUV	<a href="#">170.4900, -3.6926, -75.8517</a>
Hunter-Lab	<a href="#">73.2399, -43.2998, 16.3216</a>




# Details

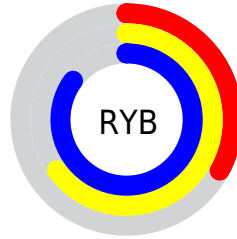
The Android color `4283750563` is a light color, and the websafe version is hex `33CC99`. The color can be described as light muted spring green. A complement of this color would be `4292367497`, and the grayscale version is `4289440683`.




A 20% lighter version of the original color is `4287758298`, and `4278231151` is the 20% darker color. If you saturate the color by 10%, you get `4282308762`, and if you desaturate by 10%, it is `4285192364`.

# Distribution







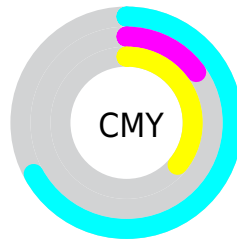
-  Red (33%)
-  Green (85%)
-  Blue (64%)






-  Red (33%)
-  Yellow (65%)
-  Blue (85%)



-  Cyan (61%)
-  Magenta (0%)
-  Yellow (25%)
-  Black (15%)



-  Cyan (67%)
-  Magenta (15%)
-  Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283750563 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 4283750563 by changing the saturation by 10% instead.



 4283750563

 4283750563

4294967295

 4281449609

 4287758298

 4278231151

 4289724407

 4278224215

 4291624959

 4278217535

 4293656575

 4278211113

 4278204948

 4278199040

 4278190080

 4283750563

 4283750563

 4282308762

 4285192364

 4280932498

 4286568628

 4279490697

 4288010429

 4278245505

 4289386694

 4290828494

 4292270295

 4293646560

 4294957288

 4294957297

# Harmonies

## Analogous

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



4288205177



4283750563



4278246100

# Triad

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



4283750563



4288200959



4294943876

# Complementary

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



4283750563



4292367497

# 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.



4294941616



4283750563



4292849407

# Square

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



4283750563



4279619327



4294942688



4294358375

# Rectangle

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



4283750563



4278245874



4294942688



4294942866

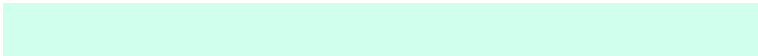


# Sweetspot

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



4283750563



4291952621



4287354964



4284711028



4278190080



4286611584



# Same Dimension

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



4283750563



4282777524



4283747800



4284509031



4278233958



4278201114



# Inverse Universe

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



4292367497



4294919568



4292370260



4285227109



4289396805

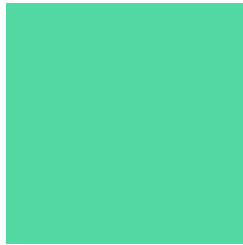


4281008145



# Previews

## White Background



This preview shows how the Android color 4283750563 looks on a white background.

## Color Contrast Check

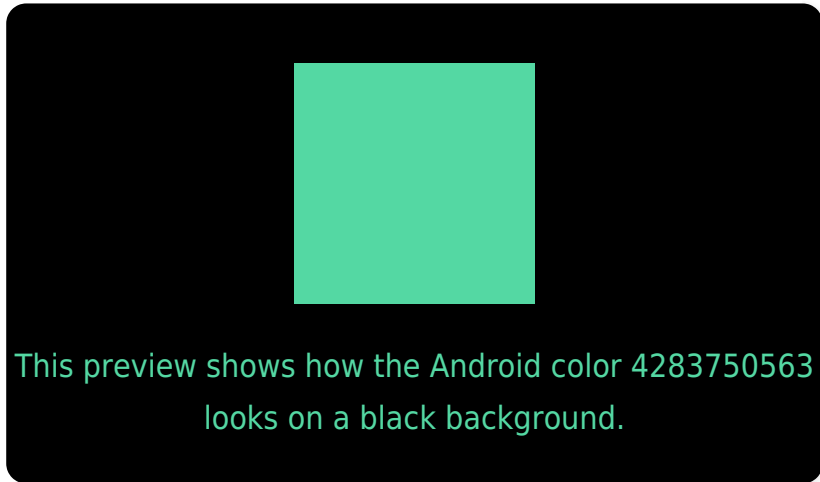
Large Text (above 18pt) WCAG AA × Fail

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

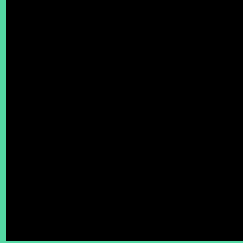
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4283750563 Background



This preview shows how black text looks on a background with the Android color 4283750563.



This preview shows how white text looks on a background with the Android color 4283750563.

# 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**

4283750563



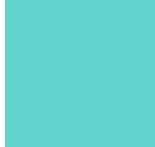
**Protanomaly**

4288727451



**Deuteranomaly**

4289381543



**Tritanomaly**

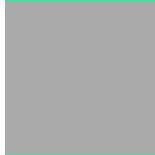
4284601290

# Monochromacy



**Original Color**

4283750563



**Achromatopsia**

4289374890



**Achromatomaly**

4287347623

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283750563 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(84, 216, 163)` looks like.

```
.text, #text, p{  
    color:rgb(84, 216, 163)  
}
```

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(84, 216, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 216, 163) }
```

## Border

The CSS property to change the border of an element to Android 4283750563 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(84, 216, 163) }
```

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

```
.border{ border-color:rgb(84, 216, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 216, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 216, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 216, 163);  
box-shadow:4px 4px 4px 4px rgb(84, 216,  
163) }
```

# Background

The CSS property to change the background color of an element to Android 4283750563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 216, 163) }
```

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

```
.background{ background-color: rgb(84, 216,  
163) }
```

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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