

# Converting Colors

Android(4281583983)

Have a look what the booklet for  
Android(4281583983) contains.

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# **Color**

**Android(4281583983)**

# Conversions

## Conversions Part 1

Format	Color
Hex	33C96F
RGB	51, 201, 111
RGB Percent	20%, 79%, 44%
CMY	0.8000, 0.2118, 0.5647
CMYK	0.75, 0.00, 0.45, 0.21
HSL	144°, 60%, 49%
HSV	144°, 75%, 79%
XYZ	25.1211, 43.6248, 22.1353
YIQ	145.8900, -60.5100, -59.7900

# Conversions

## Conversions Part 2

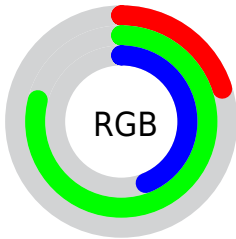
Format	Color
<a href="#">RYB</a>	<a href="#">51, 158, 201</a>
Decimal	<a href="#">3393903</a>
CIELab	<a href="#">71.98, -58.34, 34.09</a>
CIELCh	<a href="#">72, 67.563, 149.703</a>
Yxy	<a href="#">43.6248, 0.2764, 0.4800</a>
Android (android.graphics.Color)	<a href="#">4281583983 (0xFF33C96F)</a>
YUV	<a href="#">145.8900, -17.2008, -83.2185</a>
Hunter-Lab	<a href="#">66.0491, -47.6951, 26.3642</a>

# Details

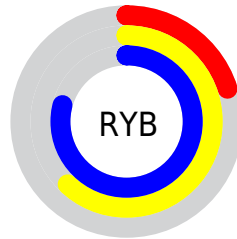
The Android color **4281583983** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted spring green. A complement of this color would be **4291376013**, and the grayscale version is **4287795858**.

A 20% lighter version of the original color is **4286054308**, and **4278227517** is the 20% darker color. If you saturate the color by 10%, you get **4280273251**, and if you desaturate by 10%, it is **4282894715**.

# Distribution



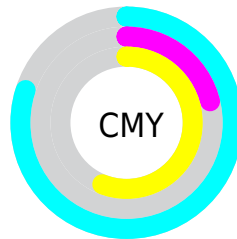
- Red (20%)
- Green (79%)
- Blue (44%)



- Red (20%)
- Yellow (62%)
- Blue (79%)



- Cyan (75%)
- Magenta (0%)
- Yellow (45%)
- Black (21%)




- Cyan (80%)
- Magenta (21%)
- Yellow (56%)


# Brightness & Saturation Gradients

These gradients show how the Android color 4281583983 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 4281583983 by changing the saturation by 10% instead.



 4281583983

 4281583983

4294967295

 4278234454

 4286054308

 4278227517

 4288020415

 4278220581

 4289986523

 4278213899

 4292018168


 4278207488

 4293984255

 4278201600

 4278193408

 4278190080

 4281583983

 4281583983

 4280273251

 4282894715

 4278962519

 4284205447

 4278241616

 4285516179

 4286826911

 4288203179

 4289513911

 4290824643

 4292135375

 4293446108

# Harmonies

## Analogous

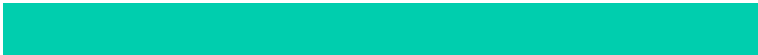
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4287872827



4281583983



4278242990

# Triad

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



4281583983



4278237439



4294934135

# Complementary

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



4281583983



4291376013

# 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.



4294932148



4281583983



4289700095

# Square

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



4281583983



4278241023



4294608624



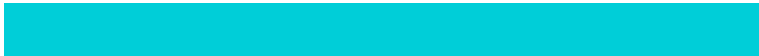
4294940228

# Rectangle

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



4281583983



4278243032



4294608624



4294932874

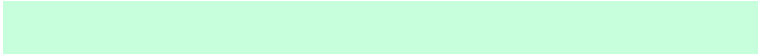


# Sweetspot

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



4281583983



4291297245



4287482163



4284383340



4278190080



4286611584



# Same Dimension

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



4281583983



4279893877



4281584058



4284113757



4278231873



4278199310



# Inverse Universe

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



4291376013



4294908323



4291375938



4284701279



4288872546



4280549397



# Previews

## White Background



This preview shows how the Android color 4281583983 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



This preview shows how the Android color 4281583983 looks on a 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 4281583983 Background



This preview shows how black text looks on a background with the Android color 4281583983.



This preview shows how white text looks on a background with the Android color 4281583983.

# 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**

4281583983



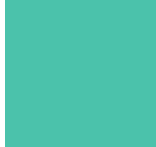
**Protanomaly**

4287477865



**Deuteranomaly**

4288197492



**Tritanomaly**

4283155115

# Monochromacy



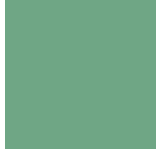
**Original Color**

4281583983



**Achromatopsia**

4287795858



**Achromatomaly**

4285507205

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281583983 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(51, 201, 111)` looks like.

```
.text, #text, p{  
    color:rgb(51, 201, 111)  
}
```

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(51, 201, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 201, 111) }
```

## Border

The CSS property to change the border of an element to Android 4281583983 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(51, 201, 111) }
```

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

```
.border{ border-color:rgb(51, 201, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 201, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 201, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 201, 111);  
box-shadow:4px 4px 4px 4px rgb(51, 201,  
111) }
```

# Background

The CSS property to change the background color of an element to Android 4281583983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 201, 111) }
```

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

```
.background{ background-color: rgb(51, 201,  
111) }
```

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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