

# Converting Colors

Android(4281850265)

Have a look what the booklet for  
Android(4281850265) contains.

<b>Android(4281850265)</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(4281850265)**

# Conversions

## Conversions Part 1

Format	Color
Hex	37D999
RGB	55, 217, 153
RGB Percent	22%, 85%, 60%
CMY	0.7843, 0.1490, 0.4000
CMYK	0.75, 0.00, 0.29, 0.15
HSL	156°, 68%, 53%
HSV	156°, 75%, 85%
XYZ	32.1382, 52.7378, 38.6226
YIQ	161.2660, -76.0080, -54.2480

# Conversions

## Conversions Part 2

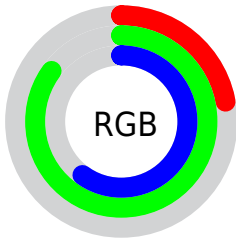
Format	Color
<a href="#">RYB</a>	<a href="#">55, 156, 217</a>
Decimal	<a href="#">3660185</a>
CIELab	<a href="#">77.72, -55.63, 20.01</a>
CIELCh	<a href="#">78, 59.119, 160.217</a>
Yxy	<a href="#">52.7378, 0.2602, 0.4270</a>
Android (android.graphics.Color)	<a href="#">4281850265 (0xFF37D999)</a>
YUV	<a href="#">161.2660, -4.0751, -93.1953</a>
Hunter-Lab	<a href="#">72.6208, -48.0917, 19.3019</a>

# Details

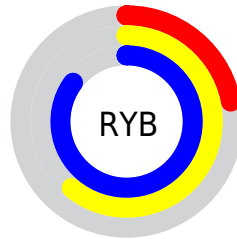
The Android color **4281850265** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle muted spring green. A complement of this color would be **4292425591**, and the grayscale version is **4288782753**.

A 20% lighter version of the original color is **4286382032**, and **4278231398** is the 20% darker color. If you saturate the color by 10%, you get **4280408464**, and if you desaturate by 10%, it is **4283292066**.

# Distribution



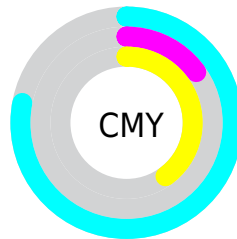
- Red (22%)
- Green (85%)
- Blue (60%)



- Red (22%)
- Yellow (61%)
- Blue (85%)



- Cyan (75%)
- Magenta (0%)
- Yellow (29%)
- Black (15%)



- Cyan (78%)
- Magenta (15%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281850265 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 4281850265 by changing the saturation by 10% instead.





4281850265



4281850265

4294967295



4278238591



4286382032



4278231398



4288413676



4278224461



4290445311



4278217526



4292476927



4278211104



4294443007



4278204682



4278198784



4278190080



4281850265



4281850265

■ 4280408464

■ 4283292066

■ 4279032200

■ 4284668330

■ 4278245763

■ 4286110131

■ 4287551931

■ 4288928196

■ 4290369996

■ 4291811797

■ 4293253598

■ 4294629862

# Harmonies

## Analogous

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



4287811945



4281850265



4278246610

# Triad

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



4281850265



4286759167



4294941820

# Complementary

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



4281850265



4292425591

# 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.



4294939055



4281850265



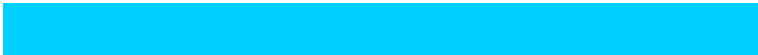
4292717311

# Square

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



4281850265



4278243583



4294940646



4294815831

# Rectangle

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



4281850265



4278246390



4294940646



4294940556

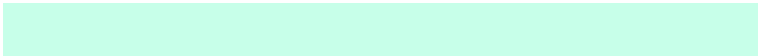


# Sweetspot

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



4281850265



4291297257



4286110007



4284383346



4278190080



4286611584



# Same Dimension

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



4281850265



4279893924



4281846233



4284706409



4278234473



4278201884



# Inverse Universe

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



4292425591



4294908276



4292429623



4285424487



4289527877

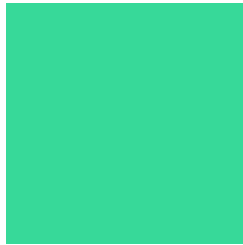


4281204754



# Previews

## White Background



This preview shows how the Android color 4281850265 looks on a white background.

## Color Contrast Check

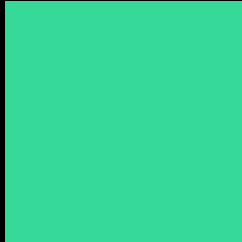
Large Text (above 18pt) WCAG AA × Fail

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 4281850265 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

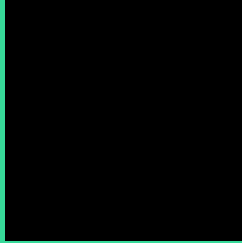
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4281850265 Background



This preview shows how black text looks on a background with the Android color 4281850265.




This preview shows how white text looks on a background with the Android color 4281850265.

# 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





**Tritanopia**  
4284010721

# Trichromacy



**Original Color**

4281850265



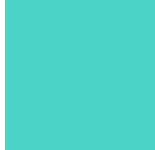
**Protanomaly**

4288071825



**Deuteranomaly**

4288660382



**Tritanomaly**

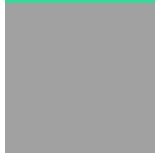
4283225031

# Monochromacy



**Original Color**

4281850265



**Achromatopsia**

4288782753



**Achromatomaly**

4286231966

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281850265 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(55, 217, 153)` looks like.

```
.text, #text, p{  
    color:rgb(55, 217, 153)  
}
```

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(55, 217, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 217, 153) }
```

## Border

The CSS property to change the border of an element to Android 4281850265 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(55, 217, 153) }
```

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

```
.border{ border-color:rgb(55, 217, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 217, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 217, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 217, 153);  
box-shadow:4px 4px 4px 4px rgb(55, 217,  
153) }
```

# Background

The CSS property to change the background color of an element to Android 4281850265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 217, 153) }
```

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

```
.background{ background-color: rgb(55, 217,  
153) }
```

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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