

# Converting Colors

Android(4281707953)

Have a look what the booklet for  
Android(4281707953) contains.

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# **Color**

**Android(4281707953)**

# Conversions

## Conversions Part 1

Format	Color
Hex	35ADB1
RGB	53, 173, 177
RGB Percent	21%, 68%, 69%
CMY	0.7922, 0.3216, 0.3059
CMYK	0.70, 0.02, 0.00, 0.31
HSL	182°, 54%, 45%
HSV	182°, 70%, 69%
XYZ	24.3476, 33.8183, 46.8393
YIQ	137.5760, -72.8040, -24.1960

# Conversions

## Conversions Part 2

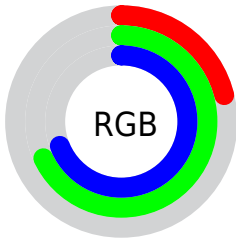
Format	Color
<a href="#">RYB</a>	<a href="#">53, 114, 177</a>
Decimal	<a href="#">3517873</a>
CIELab	<a href="#">64.82, -30.81, -11.64</a>
CIElCh	<a href="#">65, 32.931, 200.693</a>
Yxy	<a href="#">33.8183, 0.2319, 0.3221</a>
Android (android.graphics.Color)	<a href="#">4281707953 (0xFF35ADB1)</a>
YUV	<a href="#">137.5760, 19.4360, -74.1732</a>
Hunter-Lab	<a href="#">58.1535, -27.0348, -7.0472</a>

# Details

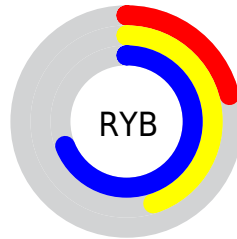
The Android color `4281707953` is a dark color, and the websafe version is hex `339999`. A complement of this color would be `4289804597`, and the grayscale version is `4287203721`.

A 20% lighter version of the original color is `4285982185`, and `4278220924` is the 20% darker color. If you saturate the color by 10%, you get `4280528049`, and if you desaturate by 10%, it is `4282887857`.

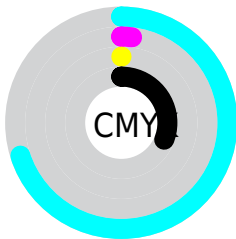
# Distribution



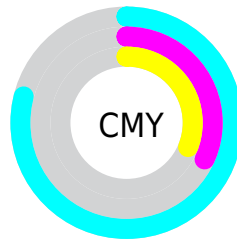
- Red (21%)
- Green (68%)
- Blue (69%)



- Red (21%)
- Yellow (45%)
- Blue (69%)



- Cyan (70%)
- Magenta (2%)
- Yellow (0%)
- Black (31%)




- Cyan (79%)
- Magenta (32%)
- Yellow (31%)


# Brightness & Saturation Gradients

These gradients show how the Android color 4281707953 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 4281707953 by changing the saturation by 10% instead.



 4281707953

 4281707953

4294967295

 4278227606

 4285982185


 4278220924

 4287889407

 4278214500

 4289855487

 4278208332

 4291821567


 4278202165

 4293787647

 4278196768

 4278190087

 4278190080

 4281707953

 4281707953

■ 4280528049

■ 4282887857

■ 4279413937

■ 4284001969

■ 4278234033

■ 4285181873

■ 4286361521

■ 4287541425

■ 4288655537

■ 4289835441

■ 4291015345

■ 4292129457

# Harmonies

## Analogous

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



4283870611



4281707953



4282034890

# Triad

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



4281707953



4290416579



4290353251

# Complementary

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



4281707953



4289804597

# 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.



4291726961



4281707953



4291922088

# Square

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



4281707953



4287928788



4292315274



4288455269

# Rectangle

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



4281707953



4283803348



4292315274



4290942310



# Sweetspot

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



4281707953



4290110694



4281708855



4283855475



4294111986



4285756275



# Same Dimension

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



4281707953



4280672230



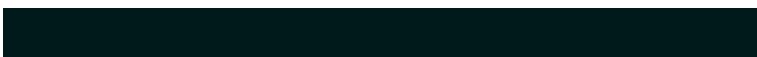
4281692593



4283455833



4278228121



4278196506



# Inverse Universe

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



4289803693



4293273055



4289819957



4284043353



4288217236



4279894041



# Previews

## White Background



This preview shows how the Android color 4281707953 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 4281707953 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 4281707953 Background



This preview shows how black text looks on a background with the Android color 4281707953.



This preview shows how white text looks on a background with the Android color 4281707953.

# 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**  
4281707953

**Protanopia**  
4288453542

**Deuteranopia**  
4288649398



# Trichromacy



**Original Color**

4281707953



**Protanomaly**

4286030506



**Deuteranomaly**

4286095540



**Tritanomaly**

4281904311

# Monochromacy



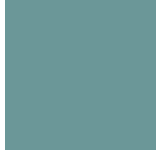
**Original Color**

4281707953



**Achromatopsia**

4287269514



**Achromatomaly**

4285241240

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281707953 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(53, 173, 177)` looks like.

```
.text, #text, p{  
    color:rgb(53, 173, 177)  
}
```

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(53, 173, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 173, 177) }
```

## Border

The CSS property to change the border of an element to Android 4281707953 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(53, 173, 177) }
```

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

```
.border{ border-color:rgb(53, 173, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 173, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 173, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 173, 177);  
box-shadow:4px 4px 4px 4px rgb(53, 173,  
177) }
```

# Background

The CSS property to change the background color of an element to Android 4281707953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 173, 177) }
```

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

```
.background{ background-color: rgb(53, 173,  
177) }
```

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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