

# Converting Colors

Android(4281454262)

Have a look what the booklet for  
Android(4281454262) contains.

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# **Color**

**Android(4281454262)**

# Conversions

## Conversions Part 1

Format	Color
Hex	31CEB6
RGB	49, 206, 182
RGB Percent	19%, 81%, 71%
CMY	0.8078, 0.1922, 0.2863
CMYK	0.76, 0.00, 0.12, 0.19
HSL	171°, 62%, 50%
HSV	171°, 76%, 81%
XYZ	31.7814, 48.1730, 51.8792
YIQ	156.3210, -85.8680, -40.7480

# Conversions

## Conversions Part 2

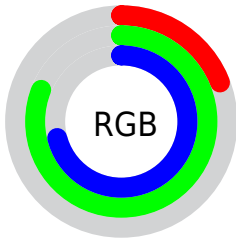
Format	Color
<b>RYB</b>	49, 134, 206
Decimal	3264182
CIELab	74.93, -44.91, 0.57
CIELCh	75, 44.918, 179.269
Yxy	48.1730, 0.2411, 0.3654
Android (android.graphics.Color)	4281454262 (0xFF31CEB6)
YUV	156.3210, 12.6597, -94.1205
Hunter-Lab	69.4068, -39.7265, 4.2674

# Details

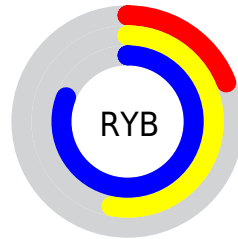
The Android color **4281454262** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle muted spring green. A complement of this color would be **4291703113**, and the grayscale version is **4288453788**.

A 20% lighter version of the original color is **4286119918**, and **4278228865** is the 20% darker color. If you saturate the color by 10%, you get **4280078003**, and if you desaturate by 10%, it is **4282830521**.

# Distribution



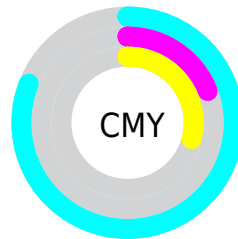
- Red (19%)
- Green (81%)
- Blue (71%)



- Red (19%)
- Yellow (53%)
- Blue (81%)



- Cyan (76%)
- Magenta (0%)
- Yellow (12%)
- Black (19%)



- Cyan (81%)
- Magenta (19%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281454262 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 4281454262 by changing the saturation by 10% instead.





4281454262



4281454262

4294967295



4278235803



4286119918



4278228865



4288151551



4278221928



4290183167



4278215248



4292214783



4278209081



4294180863



4278202916



4278196751



4278190080



4281454262



4281454262

■ 4280078003

■ 4282830521

■ 4278767280

■ 4284141244

■ 4278242991

■ 4285517503

■ 4286828227

■ 4288204486

■ 4289580745

■ 4290891468

■ 4292267727

■ 4293578450

# Harmonies

## Analogous

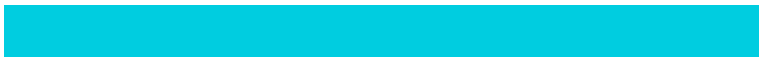
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4286040717



4281454262



4278242784

# Triad

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



4281454262



4290490111



4294223730

# Complementary

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



4281454262



4291703113

# 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.



4294941586



4281454262



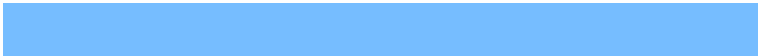
4293631971

# Square

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



4281454262



4285971967



4294940603



4292064868

# Rectangle

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



4281454262



4278242038



4294940603



4294746747

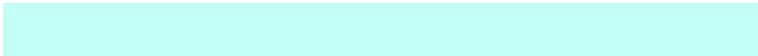


# Sweetspot

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



4281454262



4291100662



4283158065



4284252282



4278190080



4286611584



# Same Dimension

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



4281454262



4279762908



4281440974



4284245604



4278232716



4278199840



# Inverse Universe

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



4291703113



4294907706



4291716401



4284898397



4289069081

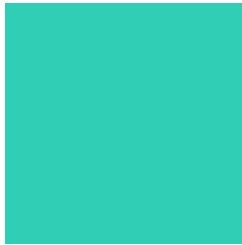


4280680454



# Previews

## White Background



This preview shows how the Android color 4281454262 looks on a white background.

## Color Contrast Check

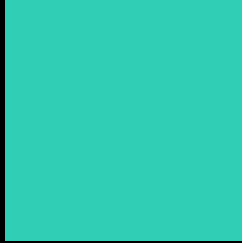
Large Text (above 18pt) WCAG AA × Fail

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 4281454262 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

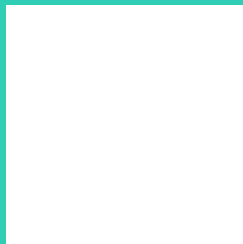
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4281454262 Background



This preview shows how black text looks on a background with the Android color 4281454262.



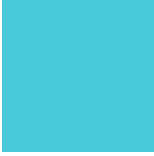
This preview shows how white text looks on a background with the Android color 4281454262.

# 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**

4281454262



**Protanomaly**

4287283118



**Deuteranomaly**

4287675578



**Tritanomaly**

4282371020

# Monochromacy



**Original Color**

4281454262



**Achromatopsia**

4288453788



**Achromatomaly**

4285902501

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281454262 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(49, 206, 182)` looks like.

```
.text, #text, p{  
    color:rgb(49, 206, 182)  
}
```

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(49, 206, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 206, 182) }
```

## Border

The CSS property to change the border of an element to Android 4281454262 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(49, 206, 182) }
```

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

```
.border{ border-color:rgb(49, 206, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 206, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 206, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 206, 182);  
box-shadow:4px 4px 4px 4px rgb(49, 206,  
182) }
```

# Background

The CSS property to change the background color of an element to Android 4281454262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 206, 182) }
```

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

```
.background{ background-color: rgb(49, 206,  
182) }
```

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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