

# Converting Colors

Android(4281655224)

Have a look what the booklet for  
Android(4281655224) contains.

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# **Color**

**Android(4281655224)**

# Conversions

## Conversions Part 1

Format	Color
Hex	34DFB8
RGB	52, 223, 184
RGB Percent	20%, 87%, 72%
CMY	0.7961, 0.1255, 0.2784
CMYK	0.77, 0.00, 0.17, 0.13
HSL	166°, 73%, 54%
HSV	166°, 77%, 87%
XYZ	36.4556, 56.9661, 54.4216
YIQ	167.4250, -89.3970, -48.3810

# Conversions

## Conversions Part 2

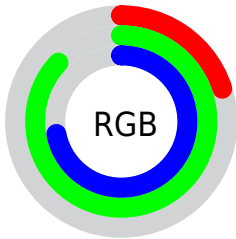
<b>Format</b>	<b>Color</b>
<b>RYB</b>	52, 149, 223
Decimal	3465144
CIELab	80.16, -51.20, 7.07
CIELCh	80, 51.688, 172.135
Yxy	56.9661, 0.2466, 0.3853
Android (android.graphics.Color)	4281655224 (0xFF34DFB8)
YUV	167.4250, 8.1715, -101.2277
Hunter-Lab	75.4759, -45.8656, 10.0823

# Details

The Android color `4281655224` 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 `4292818011`, and the grayscale version is `4289177511`.

A 20% lighter version of the original color is `4286447600`, and `4278232963` is the 20% darker color. If you saturate the color by 10%, you get `4280213427`, and if you desaturate by 10%, it is `4283097021`.

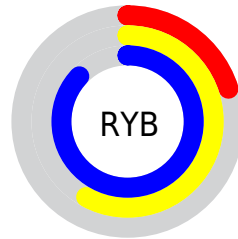
# Distribution



Red (20%)

Green (87%)

Blue (72%)



Red (20%)

Yellow (58%)

Blue (87%)

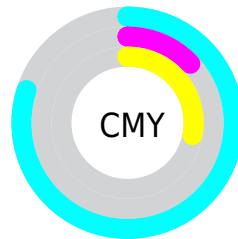


Cyan (77%)

Magenta (0%)

Yellow (17%)

Black (13%)



Cyan (80%)

Magenta (13%)


Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281655224 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 4281655224 by changing the saturation by 10% instead.



 4281655224

 4281655224

4294967295

 4278240157

 4286447600

 4278232963

 4288544767

 4278226026

 4290576383

 4278219090

 4292607999

 4278212667


 4294639615


 4278206245

 4278200592

 4278190336

 4278190080

 4281655224

 4281655224

 4280213427

 4283097021

 4278706094

 4284604354

 4278247340

 4286046151

 4287487948

 4288929745

 4290437079

 4291878876

 4293320673

 4294828006

# Harmonies

## Analogous

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



4287158922



4281655224



4278247402

# Triad

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



4281655224



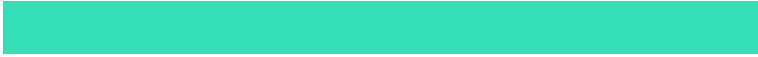
4290232319



4294946428

# Complementary

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



428165224



4292818011

# 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.



4294943141



4281655224



4294422015

# Square

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



4281655224



4284010751



4294942934



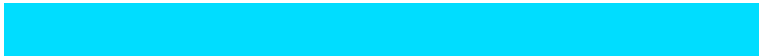
4293967974

# Rectangle

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



4281655224



4278246911



4294942934



4294945160

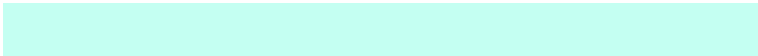


# Sweetspot

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



4281655224



4291100658



4284276532



4284252279



4278190080



4286611584



# Same Dimension

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



4281655224



4279566281



4281643487



4284837998



4278235272



4278202405



# Inverse Universe

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



4292818011



4294906954



4292829748



4285556072



4289724456

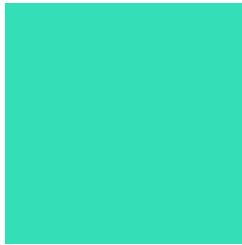


4281335819



# Previews

## White Background



This preview shows how the Android color 4281655224 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 4281655224 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

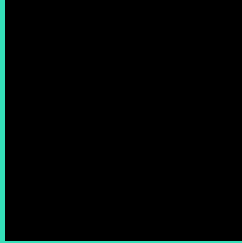
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

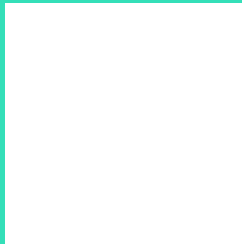
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4281655224 Background



This preview shows how black text looks on a background with the Android color 4281655224.



This preview shows how white text looks on a background with the Android color 4281655224.

# 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**

4281655224



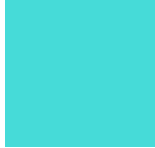
**Protanomaly**

4288138927



**Deuteranomaly**

4288596924



**Tritanomaly**

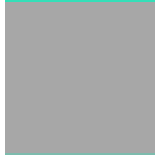
4282833880

# Monochromacy



**Original Color**

4281655224



**Achromatopsia**

4289177511



**Achromatomaly**

4286430125

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281655224 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(52, 223, 184)` looks like.

```
.text, #text, p{  
  color:rgb(52, 223, 184)  
}
```

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(52, 223, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 223, 184) }
```

## Border

The CSS property to change the border of an element to Android 4281655224 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(52, 223, 184) }
```

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

```
.border{ border-color:rgb(52, 223, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 223, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 223, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 223, 184);  
box-shadow:4px 4px 4px 4px rgb(52, 223,  
184) }
```

# Background

The CSS property to change the background color of an element to Android 4281655224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 223, 184) }
```

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

```
.background{ background-color: rgb(52, 223,  
184) }
```

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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