

# Converting Colors

Android(4281195241)

Have a look what the booklet for  
Android(4281195241) contains.

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# **Color**

**Android(4281195241)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2DDAE9
RGB	45, 218, 233
RGB Percent	18%, 85%, 91%
CMY	0.8235, 0.1451, 0.0863
CMYK	0.81, 0.06, 0.00, 0.09
HSL	185°, 81%, 55%
HSV	185°, 81%, 91%
XYZ	40.8616, 56.5839, 85.8589
YIQ	167.9830, -107.9230, -32.0110

# Conversions

## Conversions Part 2

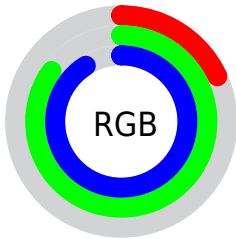
Format	Color
<a href="#">RYB</a>	<a href="#">45, 135, 233</a>
Decimal	<a href="#">3005161</a>
CIELab	<a href="#">79.94, -36.19, -19.35</a>
CIELCh	<a href="#">80, 41.039, 208.133</a>
Yxy	<a href="#">56.5839, 0.2229, 0.3087</a>
Android (android.graphics.Color)	<a href="#">4281195241 (0xFF2DDAE9)</a>
YUV	<a href="#">167.9830, 32.0534, -107.8561</a>
Hunter-Lab	<a href="#">75.2223, -34.6758, -15.0182</a>

# Details

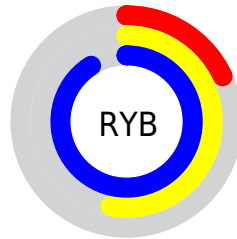
The Android color **4281195241** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **4293475373**, and the grayscale version is **4289243304**.

A 20% lighter version of the original color is **4286447615**, and **4278231729** is the 20% darker color. If you saturate the color by 10%, you get **4279687401**, and if you desaturate by 10%, it is **4282703081**.

# Distribution



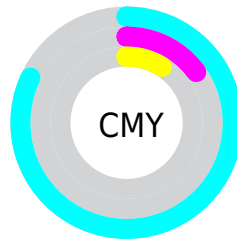
- Red (18%)
- Green (85%)
- Blue (91%)



- Red (18%)
- Yellow (53%)
- Blue (91%)



- Cyan (81%)
- Magenta (6%)
- Yellow (0%)
- Black (9%)



- Cyan (82%)
- Magenta (15%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281195241 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 4281195241 by changing the saturation by 10% instead.





4281195241



4281195241

4294967295



4278238925



4286447615



4278231729



4288610303



4278225047



4290641919



4278218365



4292739071



4278211940

4294836223



4278205772



4278200373



4278190624



4278190085

■ 4281195241

■ 4281195241

■ 4279687401

■ 4282703081

■ 4278245097

■ 4284276457

■ 4285784297

■ 4287291881

■ 4288865257

■ 4290373097

■ 4291880937

■ 4293388777

■ 4294962153

# Harmonies

## Analogous

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



4284210114



4281195241



4283094527

# Triad

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



4281195241



4294226159



4293051257

# Complementary

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



4281195241



4293475373

# 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.



4294948486



4281195241



4294945226

# Square

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



4281195241



4291280383



4294945700



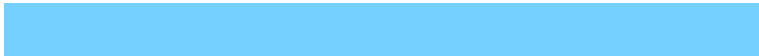
4290432897

# Rectangle

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



4281195241



4285911039



4294945700



4293771131

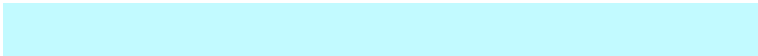


# Sweetspot

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



4281195241



4290968319



4281198906



4284185984



4278190080



4286611584



# Same Dimension

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



4281195241



4278774783



4281171689



4285166709



4278233013



4278202678



# Inverse Universe

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



4293471706



4294904043



4293498925



4285885044



4290052263

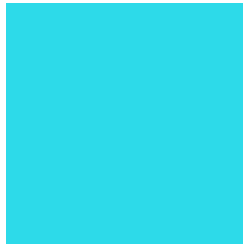


4281729073



# Previews

## White Background



This preview shows how the Android color 4281195241 looks on a white background.

## Color Contrast Check

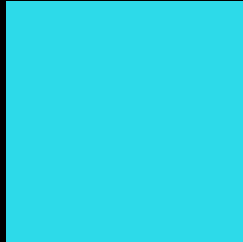
Large Text (above 18pt) WCAG AA × Fail

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 4281195241 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 4281195241 Background



This preview shows how black text looks on a background with the Android color 4281195241.



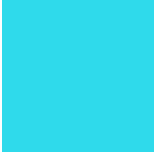
This preview shows how white text looks on a background with the Android color 4281195241.

# 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



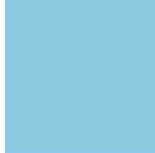


**Tritanopia**  
4281326315

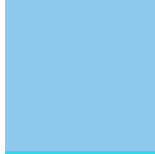
# Trichromacy



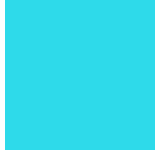
**Original Color**  
4281195241



**Protanomaly**  
4287417311

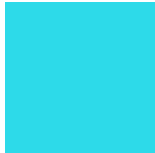


**Deuteranomaly**  
4287416813

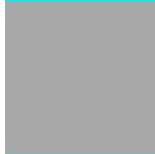


**Tritanomaly**  
4281260778

# Monochromacy



**Original Color**  
4281195241



**Achromatopsia**  
4289243304



**Achromatomaly**  
4286298816

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281195241 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(45, 218, 233)` looks like.

```
.text, #text, p{  
    color:rgb(45, 218, 233)  
}
```

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(45, 218, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 218, 233) }
```

## Border

The CSS property to change the border of an element to Android 4281195241 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(45, 218, 233) }
```

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

```
.border{ border-color:rgb(45, 218, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 218, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 218, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 218, 233);  
box-shadow:4px 4px 4px 4px rgb(45, 218,  
233) }
```

# Background

The CSS property to change the background color of an element to Android 4281195241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 218, 233) }
```

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

```
.background{ background-color: rgb(45, 218,  
233) }
```

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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