

# Converting Colors

Android(4281194980)

Have a look what the booklet for  
Android(4281194980) contains.

<b>Android(4281194980)</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(4281194980)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2DD9E4
RGB	45, 217, 228
RGB Percent	18%, 85%, 89%
CMY	0.8235, 0.1490, 0.1059
CMYK	0.80, 0.05, 0.00, 0.11
HSL	184°, 77%, 54%
HSV	184°, 80%, 89%
XYZ	39.8986, 55.7850, 82.0635
YIQ	166.8260, -106.0430, -33.0430

# Conversions

## Conversions Part 2

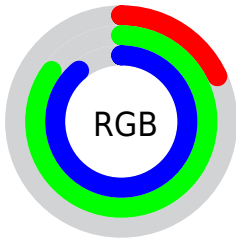
Format	Color
R <sub>Y</sub> B	45, 134, 228
Decimal	3004900
CIE Lab	79.49, -37.22, -17.37
CIE LCh	79, 41.076, 205.015
Yxy	55.7850, 0.2245, 0.3138
Android (android.graphics.Color)	4281194980 (0xFF2DD9E4)
YUV	166.8260, 30.1588, -106.8414
Hunter-Lab	74.6894, -35.3527, -12.8612

# Details

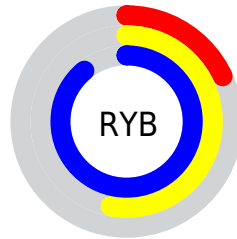
The Android color **4281194980** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **4293146669**, and the grayscale version is **4289177511**.

A 20% lighter version of the original color is **4286382079**, and **4278231725** is the 20% darker color. If you saturate the color by 10%, you get **4279687396**, and if you desaturate by 10%, it is **4282702564**.

# Distribution



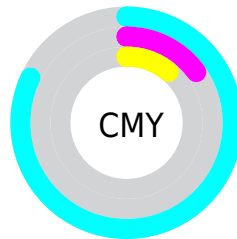
- Red (18%)
- Green (85%)
- Blue (89%)



- Red (18%)
- Yellow (53%)
- Blue (89%)



- Cyan (80%)
- Magenta (5%)
- Yellow (0%)
- Black (11%)




- Cyan (82%)
- Magenta (15%)
- Yellow (11%)


# Brightness & Saturation Gradients

These gradients show how the Android color 4281194980 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 4281194980 by changing the saturation by 10% instead.



 4281194980

 4281194980

4294967295

 4278238664

 4286382079

 4278231725

 4288544767

 4278224786

 4290641919

 4278218104

 4292673535

 4278211680

 4294705151

 4278205512

 4278200113

 4278190621

 4278190080

■ 4281194980

■ 4281194980

■ 4279687396

■ 4282702564

■ 4278245092

■ 4284210404

■ 4285652452

■ 4287160036

■ 4288667876

■ 4290175460

■ 4291683300

■ 4293125348

■ 4294632932

# Harmonies

## Analogous

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



4284471741



4281194980



4282504447

# Triad

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



4281194980



4293898481



4293181560

# Complementary

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



4281194980



4293146669

# 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.



4294947720



4281194980



4294944973

# Square

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



4281194980



4290821631



4294945191



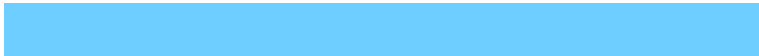
4290628734

# Rectangle

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



4281194980



4285386495



4294945191



4293901435



# Sweetspot

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



4281194980



4290968575



4281197622



4284185984



4278190080



4286611584



# Same Dimension

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



4281194980



4278907135



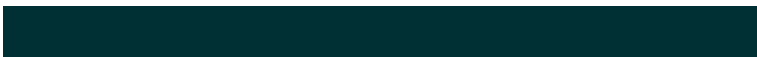
4281171940



4284969587



4278233267



4278202419



# Inverse Universe

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



4293144025



4294904560



4293169709



4285753202



4289921192

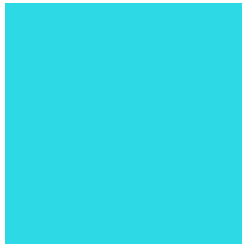


4281532464



# Previews

## White Background



This preview shows how the Android color 4281194980 looks on a white background.

## Color Contrast Check

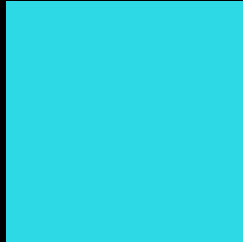
Large Text (above 18pt) WCAG AA × Fail

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 4281194980 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

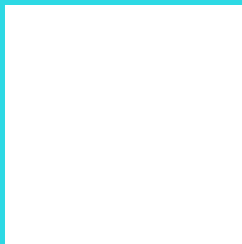
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4281194980 Background



This preview shows how black text looks on a background with the Android color 4281194980.



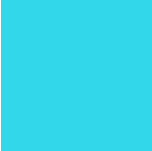
This preview shows how white text looks on a background with the Android color 4281194980.

# 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**  
4281522410

# Trichromacy



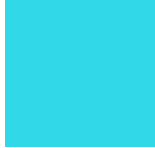
**Original Color**  
4281194980



**Protanomaly**  
4287351514



**Deuteranomaly**  
4287416552

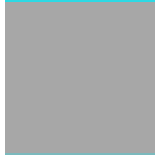


**Tritanomaly**  
4281391336

# Monochromacy



**Original Color**  
4281194980



**Achromatopsia**  
4289177511



**Achromatomaly**  
4286298557

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281194980 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, 217, 228)` looks like.

```
.text, #text, p{  
    color:rgb(45, 217, 228)  
}
```

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, 217, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 217, 228) }
```

## Border

The CSS property to change the border of an element to Android 4281194980 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, 217, 228) }
```

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

```
.border{ border-color:rgb(45, 217, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 217, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 217, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 217, 228);  
box-shadow:4px 4px 4px 4px rgb(45, 217,  
228) }
```

# Background

The CSS property to change the background color of an element to Android 4281194980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 217, 228) }
```

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

```
.background{ background-color: rgb(45, 217,  
228) }
```

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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