

# Converting Colors

Android(4281778889)

Have a look what the booklet for  
Android(4281778889) contains.

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**Color**

**Android(4281778889)**

# Conversions

## Conversions Part 1

Format	Color
Hex	36C2C9
RGB	54, 194, 201
RGB Percent	21%, 76%, 79%
CMY	0.7882, 0.2392, 0.2118
CMYK	0.73, 0.03, 0.00, 0.21
HSL	183°, 58%, 50%
HSV	183°, 73%, 79%
XYZ	31.3557, 43.5849, 62.0184
YIQ	152.9380, -85.6870, -27.5030

# Conversions

## Conversions Part 2

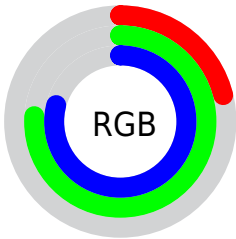
<b>Format</b>	<b>Color</b>
<b>RYB</b>	54, 126, 201
Decimal	3588809
CIELab	71.95, -33.61, -14.15
CIELCh	72, 36.467, 202.829
Yxy	43.5849, 0.2289, 0.3182
Android (android.graphics.Color)	4281778889 (0xFF36C2C9)
YUV	152.9380, 23.6946, -86.7686
Hunter-Lab	66.0189, -30.7542, -9.4841

# Details

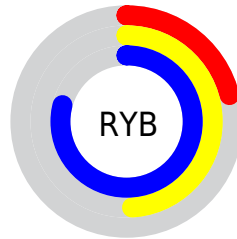
The Android color `4281778889` is a light color, and the websafe version is hex `33CCCC`. The color can be described as light muted cyan. A complement of this color would be `4291378486`, and the grayscale version is `4288256409`.

A 20% lighter version of the original color is `4286315519`, and `4278226067` is the 20% darker color. If you saturate the color by 10%, you get `4280467913`, and if you desaturate by 10%, it is `4283089865`.

# Distribution



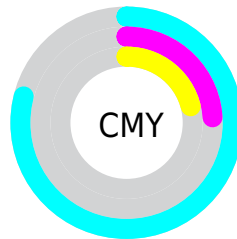
- Red (21%)
- Green (76%)
- Blue (79%)



- Red (21%)
- Yellow (49%)
- Blue (79%)



- Cyan (73%)
- Magenta (3%)
- Yellow (0%)
- Black (21%)




- Cyan (79%)
- Magenta (24%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281778889 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 4281778889 by changing the saturation by 10% instead.



 4281778889

 4281778889

4294967295

 4278233006

 4286315519

 4278226067

 4288348159

 4278219385

 4290314239

 4278212961

 4292345855

 4278206793

 4294377471

 4278200882

 4278193694

 4278190081

 4278190080

■ 4281778889

■ 4281778889

■ 4280467913

■ 4283089865

■ 4279156937

■ 4284400841

■ 4278239177

■ 4285711817

■ 4287022793

■ 4288399305

■ 4289710281

■ 4291021257

■ 4292332233

■ 4293643209

# Harmonies

## Analogous

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



4284269223



4281778889



4282433252

# Triad

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



4281778889



4292059097



4291734638

# Complementary

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



4281778889



4291378486

# 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.



4293369981



4281778889



4293695418

# Square

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



4281778889



4289309678



4294088856



4289574514

# Rectangle

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



4281778889



4284660207



4294088856



4292323441



# Sweetspot

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



4281778889



4291296511



4281780539



4284382848



4278190080



4286611584



# Same Dimension

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



4281778889



4280284415



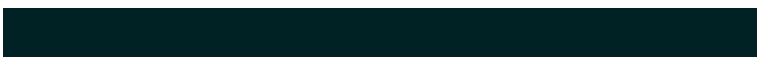
4281760713



4284113763



4278229923



4278198820



# Inverse Universe

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



4291376834



4294909940



4291396662



4284701283



4288872603



4280549410



# Previews

## White Background



This preview shows how the Android color 4281778889 looks on a white background.

## Color Contrast Check

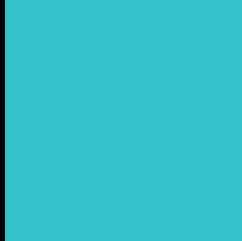
Large Text (above 18pt) WCAG AA × Fail

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 4281778889 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

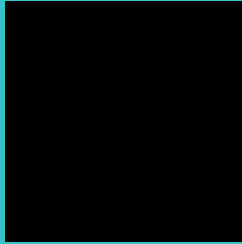
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

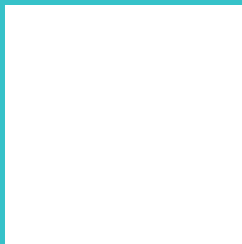
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4281778889 Background



This preview shows how black text looks on a background with the Android color 4281778889.



This preview shows how white text looks on a background with the Android color 4281778889.

# 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**

4281778889



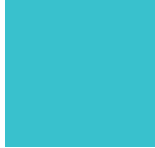
**Protanomaly**

4286756289



**Deuteranomaly**

4286886860



**Tritanomaly**

4281975245

# Monochromacy



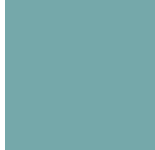
**Original Color**

4281778889



**Achromatopsia**

4288256409



**Achromatomaly**

4285900970

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281778889 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(54, 194, 201)` looks like.

```
.text, #text, p{  
    color:rgb(54, 194, 201)  
}
```

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(54, 194, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 194, 201) }
```

## Border

The CSS property to change the border of an element to Android 4281778889 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(54, 194, 201) }
```

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

```
.border{ border-color:rgb(54, 194, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 194, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 194, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 194, 201);  
box-shadow:4px 4px 4px 4px rgb(54, 194,  
201) }
```

# Background

The CSS property to change the background color of an element to Android 4281778889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 194, 201) }
```

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

```
.background{ background-color: rgb(54, 194,  
201) }
```

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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