

# Converting Colors

Android(4282041788)

Have a look what the booklet for  
Android(4282041788) contains.

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# **Color**

**Android(4282041788)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3AC5BC
RGB	58, 197, 188
RGB Percent	23%, 77%, 74%
CMY	0.7725, 0.2275, 0.2627
CMYK	0.71, 0.00, 0.05, 0.23
HSL	176°, 55%, 50%
HSV	176°, 71%, 77%
XYZ	30.7883, 44.4629, 54.5364
YIQ	154.4130, -79.9550, -32.2670

# Conversions

## Conversions Part 2

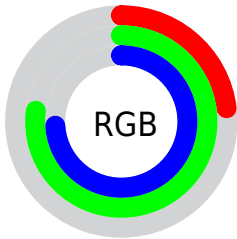
Format	Color
R <sub>YB</sub>	58, 130, 197
Decimal	3851708
CIE Lab	72.54, -38.24, -6.18
CIE LCh	73, 38.732, 189.185
Yxy	44.4629, 0.2372, 0.3426
Android (android.graphics.Color)	4282041788 (0xFF3AC5BC)
YUV	154.4130, 16.5584, -84.5542
Hunter-Lab	66.6805, -34.2724, -1.8156

# Details

The Android color **4282041788** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle muted spring green. A complement of this color would be **4291115587**, and the grayscale version is **4288322202**.

A 20% lighter version of the original color is **4286447348**, and **4278226567** is the 20% darker color. If you saturate the color by 10%, you get **4280731067**, and if you desaturate by 10%, it is **4283352509**.

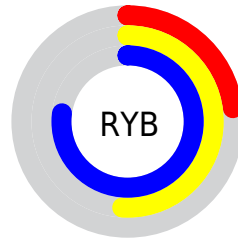
# Distribution



Red (23%)

Green (77%)

Blue (74%)



Red (23%)

Yellow (51%)

Blue (77%)

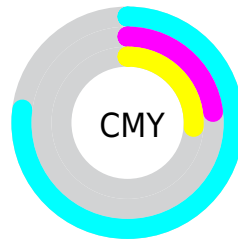


Cyan (71%)

Magenta (0%)

Yellow (5%)

Black (23%)



Cyan (77%)

Magenta (23%)

Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282041788 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 4282041788 by changing the saturation by 10% instead.



 4282041788

 4282041788

4294967295

 4278233505

 4286447348

 4278226567

 4288413695

 4278219886

 4290379775

 4278213461

 4292411391

 4278207294

 4294377471

 4278201384

 4278194452

 4278190080

 4282041788

 4282041788

■ 4280731067

■ 4283352509

■ 4279485881

■ 4284597695

■ 4278240696

■ 4285908416

■ 4287219137

■ 4288529858

■ 4289775044

■ 4291085765

■ 4292396486

■ 4293641671

# Harmonies

## Analogous

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



4285318040



4282041788



4279944158

# Triad

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



4282041788



4291077609



4292781936

# Complementary

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



4282041788



4291115587

# 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.



4294155399



4282041788



4293368524

# Square

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



4282041788



4287738616



4294416040



4290753387

# Rectangle

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



4282041788



4282236910



4294416040



4293370742

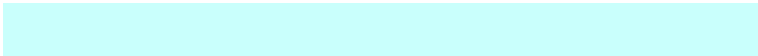


# Sweetspot

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



4282041788



4291428348



4282631482



4284514429



4278190080



4286611584



# Same Dimension

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



4282041788



4280745969



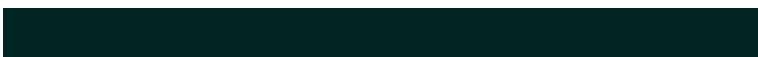
4282026437



4284113763



4278231961



4278199329



# Inverse Universe

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



4291115587



4294911540



4291130938



4284701274



4288872459

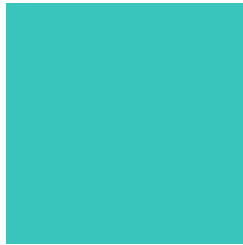


4280549378



# Previews

## White Background



This preview shows how the Android color 4282041788 looks on a white background.

## Color Contrast Check

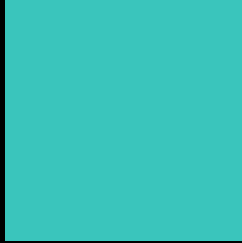
Large Text (above 18pt) WCAG AA × Fail

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 4282041788 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

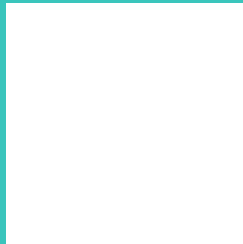
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4282041788 Background



This preview shows how black text looks on a background with the Android color 4282041788.



This preview shows how white text looks on a background with the Android color 4282041788.

# 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**  
4282041788



**Protanomaly**  
4287150260



**Deuteranomaly**  
4287346112

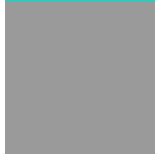


**Tritanomaly**  
4282565578

# Monochromacy



**Original Color**  
4282041788



**Achromatopsia**  
4288322202



**Achromatomaly**  
4286032550

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282041788 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(58, 197, 188)` looks like.

```
.text, #text, p{  
    color:rgb(58, 197, 188)  
}
```

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(58, 197, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 197, 188) }
```

## Border

The CSS property to change the border of an element to Android 4282041788 is called "border". The border property can be set on classes, ids or directly on the HTML element.

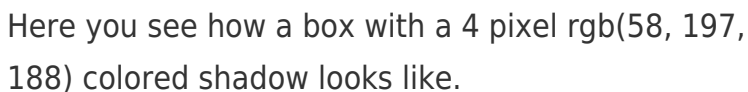
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(58, 197, 188) }
```

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

```
.border{ border-color:rgb(58, 197, 188) }
```

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



Here you see how a box with a 4 pixel `rgb(58, 197, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 197, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 197, 188);  
box-shadow:4px 4px 4px 4px rgb(58, 197,  
188) }
```

# Background

The CSS property to change the background color of an element to Android 4282041788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 197, 188) }
```

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

```
.background{ background-color: rgb(58, 197,  
188) }
```

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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