

# Converting Colors

Android(4282961598)

Have a look what the booklet for  
Android(4282961598) contains.

<b>Android(4282961598)</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(4282961598)**

# Conversions

## Conversions Part 1

Format	Color
Hex	48CEBE
RGB	72, 206, 190
RGB Percent	28%, 81%, 75%
CMY	0.7176, 0.1922, 0.2549
CMYK	0.65, 0.00, 0.08, 0.19
HSL	173°, 58%, 55%
HSV	173°, 65%, 81%
XYZ	34.0381, 49.2380, 56.4251
YIQ	164.1100, -74.7280, -33.3840

# Conversions

## Conversions Part 2

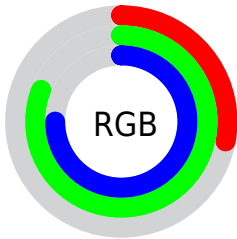
Format	Color
<a href="#">RYB</a>	<a href="#">72, 143, 206</a>
Decimal	<a href="#">4771518</a>
CIELab	<a href="#">75.60, -39.76, -2.72</a>
CIELCh	<a href="#">76, 39.848, 183.907</a>
Yxy	<a href="#">49.2380, 0.2436, 0.3525</a>
Android (android.graphics.Color)	<a href="#">4282961598</a> ( <a href="#">0xFF48CEBE</a> )
YUV	<a href="#">164.1100, 12.7638, -80.7805</a>
Hunter-Lab	<a href="#">70.1698, -36.2102, 1.4425</a>

# Details

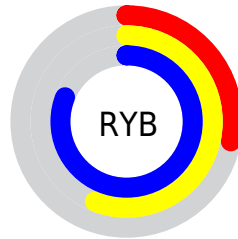
The Android color **4282961598** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted spring green. A complement of this color would be **4291709016**, and the grayscale version is **4288980132**.

A 20% lighter version of the original color is **4287168502**, and **4278228873** is the 20% darker color. If you saturate the color by 10%, you get **4281585340**, and if you desaturate by 10%, it is **4284337856**.

# Distribution



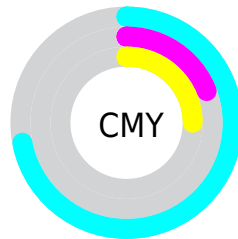
- Red (28%)
- Green (81%)
- Blue (75%)



- Red (28%)
- Yellow (56%)
- Blue (81%)



- Cyan (65%)
- Magenta (0%)
- Yellow (8%)
- Black (19%)



- Cyan (72%)
- Magenta (19%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282961598 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 4282961598 by changing the saturation by 10% instead.



 4282961598

 4282961598

4294967295


 4280201891

 4287168502

 4278228873

 4289134591

 4278222191

 4291100671

 4278215511

 4293066751

 4278209088


 4278202922

 4278197526

 4278190080

 4282961598

 4282961598

 4281585340

 4284337856

 4280274617

 4285648579

 4278898359

 4287024837

 4278242997

 4288335560

 4289711818

 4291088077

 4292398799

 4293775058

 4294954708

# Harmonies

## Analogous

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



4286237593



4282961598



4280208866

# Triad

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



4282961598



4291145719



4293766521

# Complementary

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



4282961598



4291709016

# 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.



4294943379



4282961598



4293764059

# Square

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



4282961598



4287479039



4294942391



4291738224

# Rectangle

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



4282961598



4281846261



4294942391



4294289792

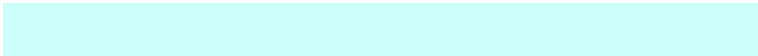


# Sweetspot

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



4282961598



4291624953



4284141128



4284579964



4278190080



4286611584



# Same Dimension

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



4282961598



4281925607



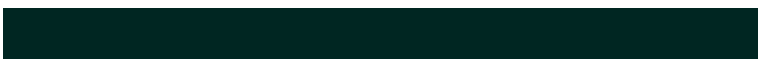
4282949070



4284245605



4278232722



4278199842



# Inverse Universe

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



4291709016



4294916176



4291721544



4284898397



4289069076

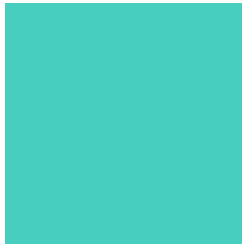


4280680453



# Previews

## White Background



This preview shows how the Android color 4282961598 looks on a white background.

## Color Contrast Check

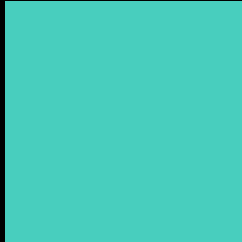
Large Text (above 18pt) WCAG AA × Fail

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 4282961598 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

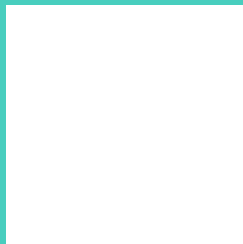
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4282961598 Background



This preview shows how black text looks on a background with the Android color 4282961598.



This preview shows how white text looks on a background with the Android color 4282961598.

# 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



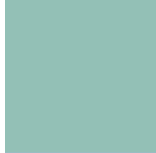


# Trichromacy



**Original Color**

4282961598



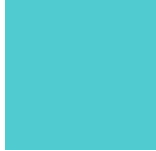
**Protanomaly**

4287873206



**Deuteranomaly**

4288200130



**Tritanomaly**

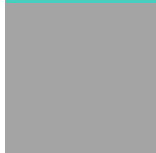
4283485136

# Monochromacy



**Original Color**

4282961598



**Achromatopsia**

4288980132



**Achromatomaly**

4286821293

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282961598 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(72, 206, 190)` looks like.

```
.text, #text, p{  
    color:rgb(72, 206, 190)  
}
```

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(72, 206, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 206, 190) }
```

## Border

The CSS property to change the border of an element to Android 4282961598 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(72, 206, 190) }
```

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

```
.border{ border-color:rgb(72, 206, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 206, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 206, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 206, 190);  
box-shadow:4px 4px 4px 4px rgb(72, 206,  
190) }
```

# Background

The CSS property to change the background color of an element to Android 4282961598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 206, 190) }
```

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

```
.background{ background-color: rgb(72, 206,  
190) }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor