

# Converting Colors

Android(4281976484)

Have a look what the booklet for  
Android(4281976484) contains.

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**Color**

**Android(4281976484)**

# Conversions

## Conversions Part 1

Format	Color
Hex	39C6A4
RGB	57, 198, 164
RGB Percent	22%, 78%, 64%
CMY	0.7765, 0.2235, 0.3569
CMYK	0.71, 0.00, 0.17, 0.22
HSL	166°, 55%, 50%
HSV	166°, 71%, 78%
XYZ	28.5823, 43.9384, 42.0965
YIQ	151.9650, -73.1220, -40.4660

# Conversions

## Conversions Part 2

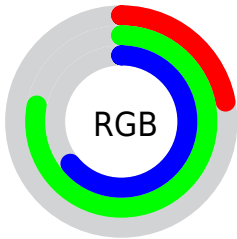
Format	Color
<a href="#">RYB</a>	<a href="#">57, 137, 198</a>
Decimal	<a href="#">3786404</a>
CIELab	<a href="#">72.19, -45.13, 6.35</a>
CIElCh	<a href="#">72, 45.579, 171.995</a>
Yxy	<a href="#">43.9384, 0.2494, 0.3833</a>
Android (android.graphics.Color)	<a href="#">4281976484 (0xFF39C6A4)</a>
YUV	<a href="#">151.9650, 5.9333, -83.2843</a>
Hunter-Lab	<a href="#">66.2860, -39.0320, 8.7467</a>

# Details

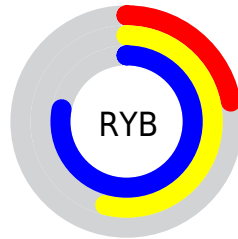
The Android color **4281976484** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **4291180891**, and the grayscale version is **4288190616**.

A 20% lighter version of the original color is **4286316507**, and **4278226800** is the 20% darker color. If you saturate the color by 10%, you get **4280665759**, and if you desaturate by 10%, it is **4283287209**.

# Distribution



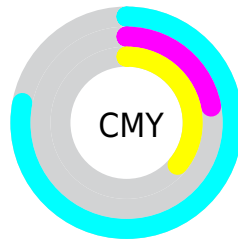
- Red (22%)
- Green (78%)
- Blue (64%)



- Red (22%)
- Yellow (54%)
- Blue (78%)



- Cyan (71%)
- Magenta (0%)
- Yellow (17%)
- Black (22%)



- Cyan (78%)
- Magenta (22%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281976484 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 4281976484 by changing the saturation by 10% instead.





4281976484



4281976484

4294967295



4278233738



4286316507



4278226800



4288282615



4278220120



4290248703



4278213441



4292214783



4278207275



4294180863



4278201366



4278193664



4278190080



4281976484



4281976484

■ 4280665759

■ 4283287209

■ 4279355034

■ 4284597934

■ 4278240918

■ 4285843122

■ 4287153847

■ 4288464572

■ 4289775297

■ 4291086021

■ 4292331210

■ 4293641935

# Harmonies

## Analogous

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



4286366076



4281976484



4278240975

# Triad

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



4281976484



4288981758



4294155377

# Complementary

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



4281976484



4291180891

# 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.



4294939028



4281976484



4292516837

# Square

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



4281976484



4283808255



4294545598



4292193117

# Rectangle

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



4281976484



4278240487



4294545598



4294547323

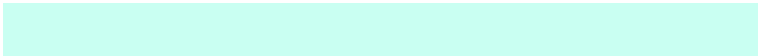


# Sweetspot

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



4281976484



4291428338



4284270137



4284514424



4278190080



4286611584



# Same Dimension

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



4281976484



4280745931



4281967558



4284113761



4278231932



4278199323



# Inverse Universe

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



4291180891



4294911579



4291189817



4284701276



4288872487

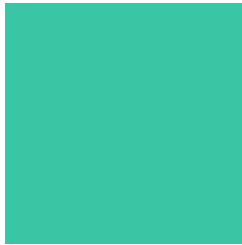


4280549385



# Previews

## White Background



This preview shows how the Android color 4281976484 looks on a white background.

## Color Contrast Check

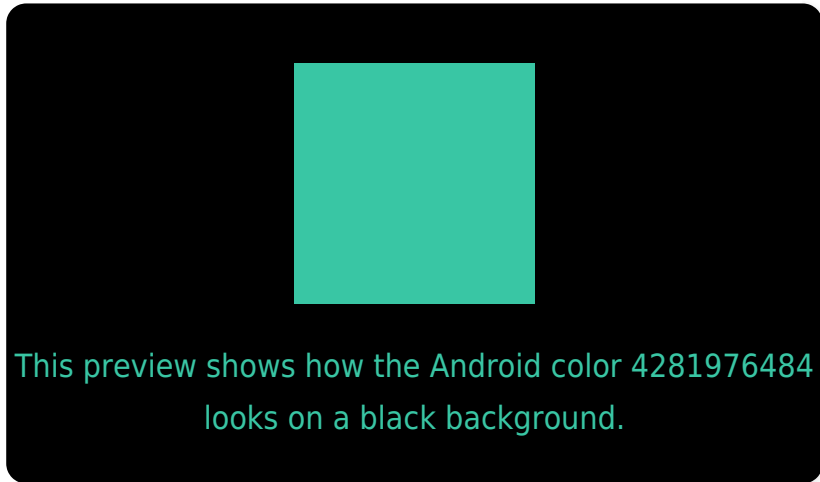
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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

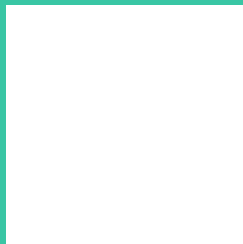
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4281976484 Background



This preview shows how black text looks on a background with the Android color 4281976484.



This preview shows how white text looks on a background with the Android color 4281976484.

# 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**

4281976484



**Protanomaly**

4287281052



**Deuteranomaly**

4287673512



**Tritanomaly**

4282827456

# Monochromacy



**Original Color**

4281976484



**Achromatopsia**

4288190616



**Achromatomaly**

4285901212

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281976484 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(57, 198, 164)` looks like.

```
.text, #text, p{  
    color:rgb(57, 198, 164)  
}
```

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(57, 198, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 198, 164) }
```

## Border

The CSS property to change the border of an element to Android 4281976484 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(57, 198, 164) }
```

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

```
.border{ border-color:rgb(57, 198, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 198, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 198, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 198, 164);  
box-shadow:4px 4px 4px 4px rgb(57, 198,  
164) }
```

# Background

The CSS property to change the background color of an element to Android 4281976484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 198, 164) }
```

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

```
.background{ background-color: rgb(57, 198,  
164) }
```

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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