

# Converting Colors

Android(4281380013)

Have a look what the booklet for  
Android(4281380013) contains.

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**Color**

**Android(4281380013)**

# Conversions

## Conversions Part 1

Format	Color
Hex	30ACAD
RGB	48, 172, 173
RGB Percent	19%, 67%, 68%
CMY	0.8118, 0.3255, 0.3216
CMYK	0.72, 0.01, 0.00, 0.32
HSL	180°, 57%, 43%
HSV	180°, 72%, 68%
XYZ	23.5143, 33.1506, 44.6945
YIQ	135.0380, -74.2250, -25.9770

# Conversions

## Conversions Part 2

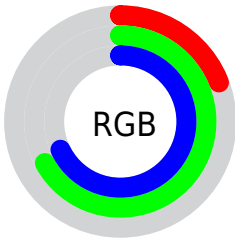
Format	Color
<a href="#">RYB</a>	<a href="#">48, 110, 173</a>
Decimal	<a href="#">3189933</a>
CIELab	<a href="#">64.28, -32.16, -10.22</a>
CIELCh	<a href="#">64, 33.747, 197.627</a>
Yxy	<a href="#">33.1506, 0.2320, 0.3271</a>
Android (android.graphics.Color)	<a href="#">4281380013 (0xFF30ACAD)</a>
YUV	<a href="#">135.0380, 18.7153, -76.3323</a>
Hunter-Lab	<a href="#">57.5765, -27.8594, -5.7211</a>

# Details

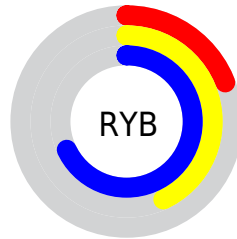
The Android color `4281380013` is a dark color, and the websafe version is hex `009999`. A complement of this color would be `4289540400`, and the grayscale version is `4287072135`.

A 20% lighter version of the original color is `4285719780`, and `4278220665` is the 20% darker color. If you saturate the color by 10%, you get `4280265901`, and if you desaturate by 10%, it is `4282494125`.

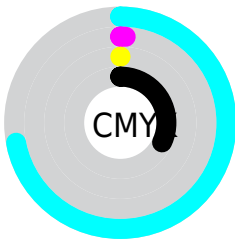
# Distribution



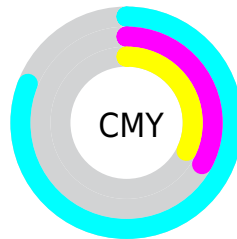
- Red (19%)
- Green (67%)
- Blue (68%)



- Red (19%)
- Yellow (43%)
- Blue (68%)



- Cyan (72%)
- Magenta (1%)
- Yellow (0%)
- Black (32%)



- Cyan (81%)
- Magenta (33%)
- Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281380013 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 4281380013 by changing the saturation by 10% instead.





4281380013



4281380013

4294967295



4278227346



4285719780



4278220665



4287692799



4278214240



4289658879



4278208072



4291559423



4278201906



4293525503



4278196253



4278190081



4278190080



4281380013



4281380013

■ 4280265901

■ 4282494125

■ 4279086253

■ 4283673773

■ 4278234285

■ 4284787885

■ 4285902253

■ 4287081901

■ 4288196013

■ 4289310125

■ 4290424237

■ 4291603885

# Harmonies

## Analogous

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



4283870094



4281380013



4281248199

# Triad

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



4281380013



4290088645



4290483809

# Complementary

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



4281380013



4289540400

# 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.



4291791985



4281380013



4291790506

# Square

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



4281380013



4287470037



4292314507



4288585826

# Rectangle

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



4281380013



4283147731



4292314507



4291007077



# Sweetspot

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



4281380013



4289716448



4281380144



4283658352



4293980400



4285558896



# Same Dimension

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



4281380013



4280147936



4281364141



4283324247



4278228374



4278195991



# Inverse Universe

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



4289540268



4292877791



4289556016



4283911767



4288020629

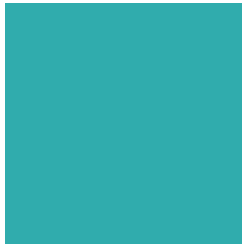


4279697431



# Previews

## White Background



This preview shows how the Android color 4281380013 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 4281380013 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

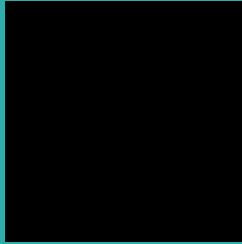
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4281380013 Background



This preview shows how black text looks on a background with the Android color 4281380013.

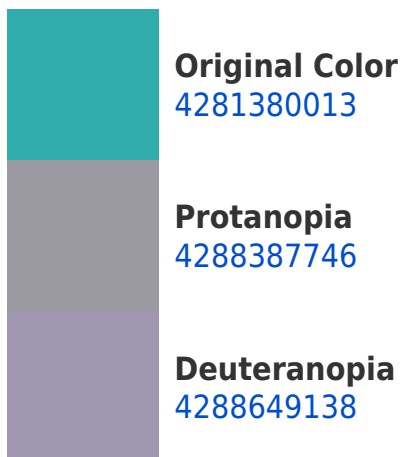


This preview shows how white text looks on a background with the Android color 4281380013.

# 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**  
4281380013



**Protanomaly**  
4285833638



**Deuteranomaly**  
4286029744



**Tritanomaly**  
4281641908

# Monochromacy



**Original Color**  
4281380013



**Achromatopsia**  
4287072135



**Achromatomaly**  
4284978325

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281380013 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(48, 172, 173)` looks like.

```
.text, #text, p{  
    color:rgb(48, 172, 173)  
}
```

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(48, 172, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 172, 173) }
```

## Border

The CSS property to change the border of an element to Android 4281380013 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(48, 172, 173) }
```

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

```
.border{ border-color:rgb(48, 172, 173) }
```

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

Here you see how a box with a 4 pixel rgb(48, 172, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 172, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 172, 173);  
box-shadow:4px 4px 4px 4px rgb(48, 172,  
173) }
```

# Background

The CSS property to change the background color of an element to Android 4281380013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 172, 173) }
```

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

```
.background{ background-color: rgb(48, 172,  
173) }
```

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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