

# Converting Colors

Android(4281318074)

Have a look what the booklet for  
Android(4281318074) contains.

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# **Color**

**Android(4281318074)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2FBABA
RGB	47, 186, 186
RGB Percent	18%, 73%, 73%
CMY	0.8157, 0.2706, 0.2706
CMYK	0.75, 0.00, 0.00, 0.27
HSL	180°, 60%, 46%
HSV	180°, 75%, 73%
XYZ	27.5941, 39.2673, 52.5794
YIQ	144.4390, -82.8440, -29.4680

# Conversions

## Conversions Part 2

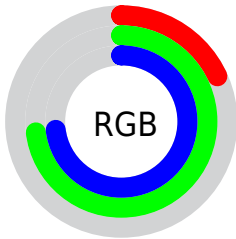
Format	Color
<b>RYB</b>	47, 117, 186
Decimal	3127994
CIELab	68.94, -35.06, -10.45
CIELCh	69, 36.588, 196.601
Yxy	39.2673, 0.2310, 0.3288
Android (android.graphics.Color)	4281318074 (0xFF2FBABA)
YUV	144.4390, 20.4896, -85.4540
Hunter-Lab	62.6636, -31.0584, -5.8841

# Details

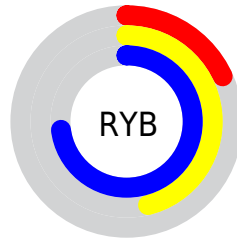
The Android color `4281318074` is a dark color, and the websafe version is hex `33CCCC`. A complement of this color would be `4290391855`, and the grayscale version is `4287664272`.

A 20% lighter version of the original color is `4285920242`, and `4278224005` is the 20% darker color. If you saturate the color by 10%, you get `4280072890`, and if you desaturate by 10%, it is `4282563258`.

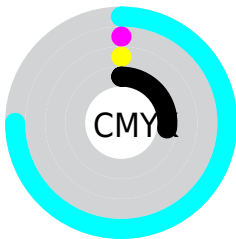
# Distribution



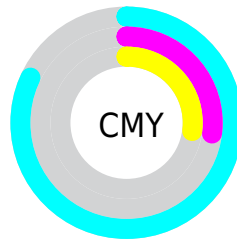
- Red (18%)
- Green (73%)
- Blue (73%)



- Red (18%)
- Yellow (46%)
- Blue (73%)



- Cyan (75%)
- Magenta (0%)
- Yellow (0%)
- Black (27%)



- Cyan (82%)
- Magenta (27%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281318074 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 4281318074 by changing the saturation by 10% instead.





4281318074



4281318074

4294967295



4278230943



4285920242



4278224005



4287889407



4278217324



4289855487



4278211156



4291887103



4278204988



4293853183



4278199591



4278190355



4278190080



4281318074



4281318074

■ 4280072890

■ 4282563258

■ 4278893242

■ 4283742906

■ 4278237882

■ 4284988090

■ 4286167738

■ 4287412922

■ 4288658106

■ 4289837754

■ 4291082938

■ 4292262586

# Harmonies

## Analogous

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



4284266904



4281318074



4280924119

# Triad

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



4281318074



4291008982



4291535208

# Complementary

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



4281318074



4290391855

# 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.



4292974202



4281318074



4292841657

# Square

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



4281318074



4288062951



4293496727



4289506408

# Rectangle

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



4281318074



4283216868



4293496727



4292124012

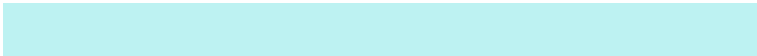


# Sweetspot

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



4281318074



4290638578



4281317935



4284185210



4294638330



4286216826



# Same Dimension

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



4281318074



4279825138



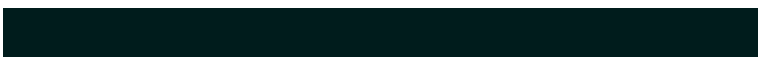
4281300410



4283653212



4278230172



4278197276



# Inverse Universe

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



4290391994



4294056178



4290409775



4284240732



4288413852

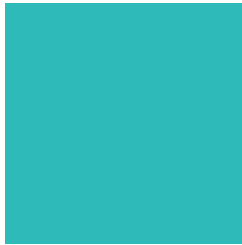


4280025116



# Previews

## White Background



This preview shows how the Android color 4281318074 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 4281318074 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

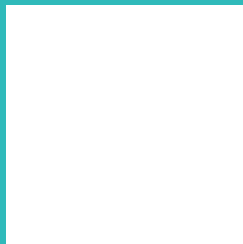
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4281318074 Background



This preview shows how black text looks on a background with the Android color 4281318074.

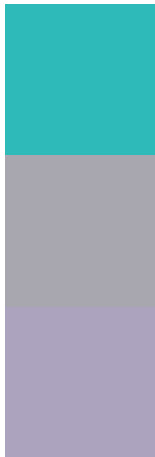


This preview shows how white text looks on a background with the Android color 4281318074.

# 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](#).

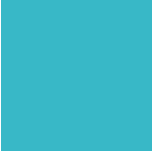
## Dichromacy



**Original Color**  
4281318074

**Protanopia**  
4289242798

**Deuteranopia**  
4289504191



**Tritanopia**  
4281907399

# Trichromacy



**Original Color**  
4281318074



**Protanomaly**  
4286361010



**Deuteranomaly**  
4286557117



**Tritanomaly**  
4281711042

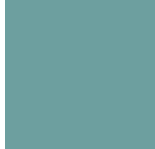
# Monochromacy



**Original Color**  
4281318074



**Achromatopsia**  
4287664272



**Achromatomaly**  
4285374367

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281318074 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(47, 186, 186)` looks like.

```
.text, #text, p{  
    color:rgb(47, 186, 186)  
}
```

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(47, 186, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 186, 186) }
```

## Border

The CSS property to change the border of an element to Android 4281318074 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(47, 186, 186) }
```

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

```
.border{ border-color:rgb(47, 186, 186) }
```

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

Here you see how a box with a 4 pixel rgb(47, 186, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 186, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 186, 186);  
box-shadow:4px 4px 4px 4px rgb(47, 186,  
186) }
```

# Background

The CSS property to change the background color of an element to Android 4281318074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 186, 186) }
```

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

```
.background{ background-color: rgb(47, 186,  
186) }
```

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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