

# Converting Colors

Android(4281641154)

Have a look what the booklet for  
Android(4281641154) contains.

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# **Color**

**Android(4281641154)**

# Conversions

## Conversions Part 1

Format	Color
Hex	34A8C2
RGB	52, 168, 194
RGB Percent	20%, 66%, 76%
CMY	0.7961, 0.3412, 0.2392
CMYK	0.73, 0.13, 0.00, 0.24
HSL	191°, 58%, 48%
HSV	191°, 73%, 76%
XYZ	25.1564, 32.6304, 56.0113
YIQ	136.2800, -77.4820, -16.5060

# Conversions

## Conversions Part 2

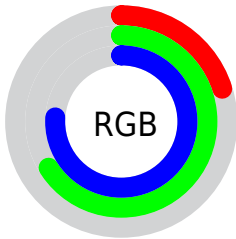
<b>Format</b>	<b>Color</b>
<b>RYB</b>	52, 116, 194
Decimal	3451074
CIELab	63.86, -23.20, -22.56
CIELCh	64, 32.361, 224.199
Yxy	32.6304, 0.2211, 0.2867
Android (android.graphics.Color)	4281641154 (0xFF34A8C2)
YUV	136.2800, 28.4560, -73.9136
Hunter-Lab	57.1230, -21.3556, -18.1501

# Details

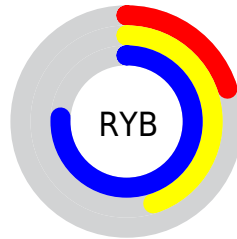
The Android color `4281641154` is a dark color, and the websafe version is hex `0099CC`. The color can be described as middle muted azure. A complement of this color would be `4290924084`, and the grayscale version is `4287137928`.

A 20% lighter version of the original color is `4285980667`, and `4278219916` is the 20% darker color. If you saturate the color by 10%, you get `4280394946`, and if you desaturate by 10%, it is `4282887362`.

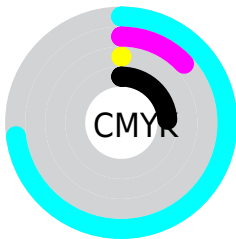
# Distribution



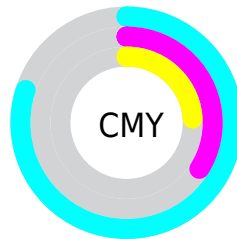
- Red (20%)
- Green (66%)
- Blue (76%)



- Red (20%)
- Yellow (45%)
- Blue (76%)



- Cyan (73%)
- Magenta (13%)
- Yellow (0%)
- Black (24%)




- Cyan (80%)
- Magenta (34%)
- Yellow (24%)


# Brightness & Saturation Gradients

These gradients show how the Android color 4281641154 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 4281641154 by changing the saturation by 10% instead.



 4281641154

 4281641154

4294967295

 4278226343

 4285980667

 4278219916

 4287954175

 4278213491

 4289921023

 4278207322

 4291887103


 4278201411


 4293918719

 4278196268

 4278190360

 4278190080

 4281641154

 4281641154

■ 4280394946

■ 4282887362

■ 4279083458

■ 4284198850

■ 4278230722

■ 4285445058

■ 4286756546

■ 4288002754

■ 4289248706

■ 4290560450

■ 4291806402

■ 4293118146

# Harmonies

## Analogous

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



4282100392



4281641154



4284130002

# Triad

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



4281641154



4291462827



4288716130

# Complementary

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



4281641154



4290924084

# 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.



4290548836



4281641154



4292117902

# Square

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



4281641154



4289760964



4291725940



4286621040

# Rectangle

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



4281641154



4286160084



4291725940



4289370721

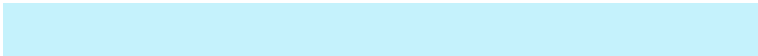


# Sweetspot

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



4281641154



4291162876



4281647692



4284381568



4278190080



4286611584

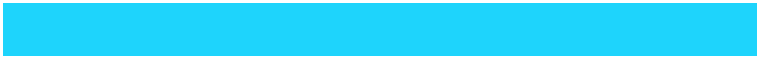


# Same Dimension

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



4281641154



4280210684



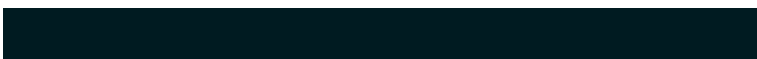
4281623490



4283916129



4278223777



4278197025



# Inverse Universe

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



4290917544



4294713044



4290941748



4284569439



4288741507



4280352795



# Previews

## White Background



This preview shows how the Android color 4281641154 looks on a white background.

## Color Contrast Check

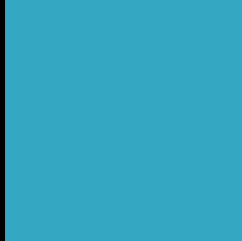
Large Text (above 18pt) WCAG AA × Fail

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 4281641154 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 4281641154 Background



This preview shows how black text looks on a background with the Android color 4281641154.



This preview shows how white text looks on a background with the Android color 4281641154.

# 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**  
4281641154

**Protanopia**  
4287862967

**Deuteranopia**  
4287731654



# Trichromacy



**Original Color**

4281641154



**Protanomaly**

4285570747



**Deuteranomaly**

4285504965



**Tritanomaly**

4281313724

# Monochromacy



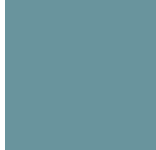
**Original Color**

4281641154



**Achromatopsia**

4287137928



**Achromatomaly**

4285109405

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281641154 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(52, 168, 194)` looks like.

```
.text, #text, p{  
    color:rgb(52, 168, 194)  
}
```

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(52, 168, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 168, 194) }
```

## Border

The CSS property to change the border of an element to Android 4281641154 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(52, 168, 194) }
```

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

```
.border{ border-color:rgb(52, 168, 194) }
```

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

Here you see how a box with a 4 pixel rgb(52, 168, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 168, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 168, 194);  
box-shadow:4px 4px 4px 4px rgb(52, 168,  
194) }
```

# Background

The CSS property to change the background color of an element to Android 4281641154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 168, 194) }
```

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

```
.background{ background-color: rgb(52, 168,  
194) }
```

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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