

# Converting Colors

Android(4281384174)

Have a look what the booklet for  
Android(4281384174) contains.

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# **Color**

**Android(4281384174)**

# Conversions

## Conversions Part 1

Format	Color
Hex	30BCEE
RGB	48, 188, 238
RGB Percent	19%, 74%, 93%
CMY	0.8118, 0.2627, 0.0667
CMYK	0.80, 0.21, 0.00, 0.07
HSL	196°, 85%, 56%
HSV	196°, 80%, 93%
XYZ	34.6348, 42.7679, 87.3185
YIQ	151.8400, -99.4900, -14.1300

# Conversions

## Conversions Part 2

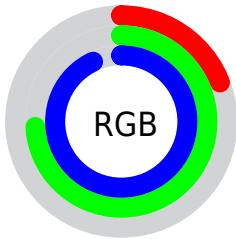
Format	Color
R <sub>Y</sub> B	48, 129, 238
Decimal	3194094
CIE Lab	71.40, -19.58, -35.13
CIE LCh	71, 40.218, 240.866
Yxy	42.7679, 0.2103, 0.2596
Android (android.graphics.Color)	4281384174 (0xFF30BCEE)
YUV	151.8400, 42.4769, -91.0677
Hunter-Lab	65.3971, -19.9102, -33.3862

# Details

The Android color `4281384174` is a light color, and the websafe version is hex `33CCFF`. The color can be described as light washed azure. A complement of this color would be `4293812784`, and the grayscale version is `4288190616`.

A 20% lighter version of the original color is `4286379263`, and `4278224822` is the 20% darker color. If you saturate the color by 10%, you get `4279809774`, and if you desaturate by 10%, it is `4282958574`.

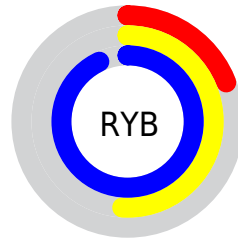
# Distribution



Red (19%)

Green (74%)

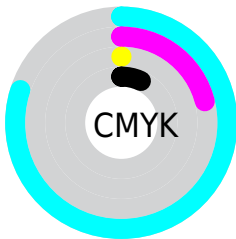
Blue (93%)



Red (19%)

Yellow (51%)

Blue (93%)

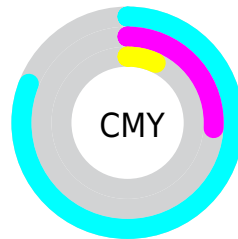


Cyan (80%)

Magenta (21%)

Yellow (0%)

Black (7%)



Cyan (81%)

Magenta (26%)

Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281384174 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 4281384174 by changing the saturation by 10% instead.



 4281384174

 4281384174

4294967295

 4278231506

 4286379263

 4278224822

 4288479231

 4278218139

 4290576383

 4278211969

 4292607999

 4278206055

 4294639615

 4278200399

 4278193720

 4278190626

 4278190087

■ 4281384174

■ 4281384174

■ 4279809774

■ 4282958574

■ 4278235118

■ 4284533230

■ 4286042094

■ 4287616494

■ 4289190894

■ 4290765550

■ 4292339950

■ 4293848814

■ 4294964462

# Harmonies

## Analogous

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



4278239699



4281384174



4286231288

# Triad

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



4281384174



4294152879



4288657518

# Complementary

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



4281384174



4293812784

# 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.



4291210597



4281384174



4294219147

# Square

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



4281384174



4292778195



4293107824



4285775754

# Rectangle

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



4281384174



4288850675



4293107824



4289574249

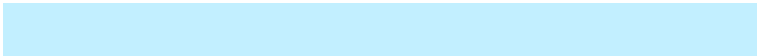


# Sweetspot

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



4281384174



4290965503



4281396831



4284184192



4278190080



4286611584

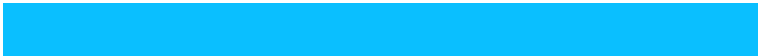


# Same Dimension

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



4281384174



4278894591



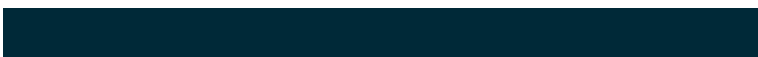
4281360366



4285298040



4278224824



4278200632



# Inverse Universe

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



4293800124



4294904511



4293836592



4286082165



4290248839

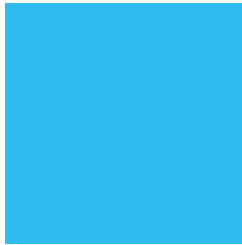


4281860137



# Previews

## White Background



This preview shows how the Android color 4281384174 looks on a white background.

## Color Contrast Check

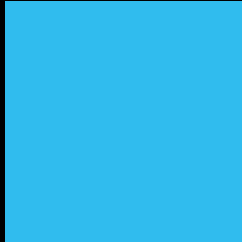
Large Text (above 18pt) WCAG AA × Fail

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 4281384174 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 4281384174 Background



This preview shows how black text looks on a background with the Android color 4281384174.

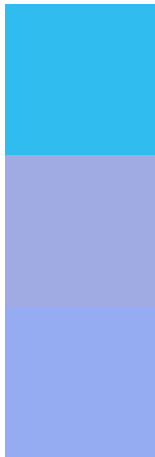


This preview shows how white text looks on a background with the Android color 4281384174.

# 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](#).

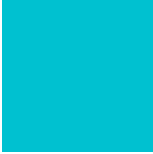
## Dichromacy



**Original Color**  
4281384174

**Protanopia**  
4288654306

**Deuteranopia**  
4288064754



**Tritanopia**  
4278239696

# Trichromacy



**Original Color**

4281384174



**Protanomaly**

4286034406



**Deuteranomaly**

4285641457



**Tritanomaly**

4279353307

# Monochromacy



**Original Color**

4281384174



**Achromatopsia**

4288190616



**Achromatomaly**

4285703607

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281384174 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, 188, 238)` looks like.

```
.text, #text, p{  
    color:rgb(48, 188, 238)  
}
```

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, 188, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 188, 238) }
```

## Border

The CSS property to change the border of an element to Android 4281384174 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, 188, 238) }
```

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

```
.border{ border-color:rgb(48, 188, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 188, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 188, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 188, 238);  
box-shadow:4px 4px 4px 4px rgb(48, 188,  
238) }
```

# Background

The CSS property to change the background color of an element to Android 4281384174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 188, 238) }
```

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

```
.background{ background-color: rgb(48, 188,  
238) }
```

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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