

# Converting Colors

Android(4281318894)

Have a look what the booklet for  
Android(4281318894) contains.

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# **Color**

**Android(4281318894)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2FBDEE
RGB	47, 189, 238
RGB Percent	18%, 74%, 93%
CMY	0.8157, 0.2588, 0.0667
CMYK	0.80, 0.21, 0.00, 0.07
HSL	195°, 85%, 56%
HSV	195°, 80%, 93%
XYZ	34.8025, 43.1726, 87.3878
YIQ	152.1280, -100.3610, -14.8650

# Conversions

## Conversions Part 2

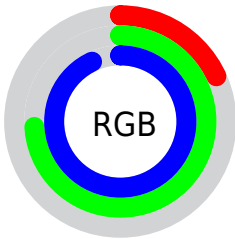
Format	Color
R <sub>Y</sub> B	47, 128, 238
Decimal	3128814
CIE Lab	71.67, -20.19, -34.70
CIE LCh	72, 40.150, 239.811
Yxy	43.1726, 0.2105, 0.2611
Android (android.graphics.Color)	4281318894 (0xFF2FBDEE)
YUV	152.1280, 42.3349, -92.1973
Hunter-Lab	65.7058, -20.4389, -32.8607

# Details

The Android color **4281318894** 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 **4293812271**, and the grayscale version is **4288190616**.

A 20% lighter version of the original color is **4286379519**, and **4278225078** is the 20% darker color. If you saturate the color by 10%, you get **4279744494**, and if you desaturate by 10%, it is **4282893294**.

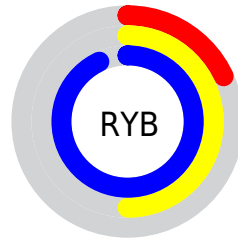
# Distribution



Red (18%)

Green (74%)

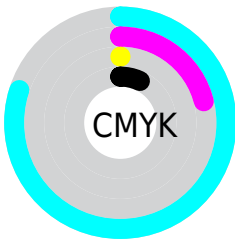
Blue (93%)



Red (18%)

Yellow (50%)

Blue (93%)

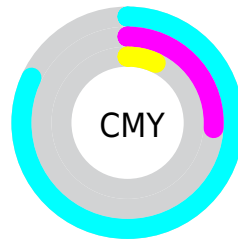


Cyan (80%)

Magenta (21%)

Yellow (0%)

Black (7%)



Cyan (82%)

Magenta (26%)

Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281318894 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 4281318894 by changing the saturation by 10% instead.





4281318894



4281318894

4294967295



4278231762



4286379519



4278225078



4288479231



4278218395



4290510847



4278212225



4292542463



4278206055



4294639615



4278200399



4278194232



4278190626



4278190088

■ 4281318894

■ 4281318894

■ 4279744494

■ 4282893294

■ 4278235630

■ 4284467694

■ 4285976558

■ 4287550958

■ 4289125614

■ 4290700014

■ 4292274414

■ 4293783278

■ 4294964462

# Harmonies

## Analogous

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



4278239955



4281318894



4286166008

# Triad

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



4281318894



4294218673



4288854127

# Complementary

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



4281318894



4293812271

# 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.



4291341670



4281318894



4294284941

# Square

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



4281318894



4292712917



4293239153



4285972618

# Rectangle

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



4281318894



4288785396



4293239153



4289705321

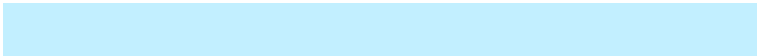


# Sweetspot

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



4281318894



4290965503



4281331295



4284184192



4278190080



4286611584

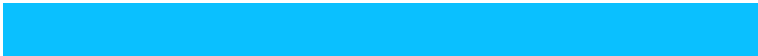


# Same Dimension

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



4281318894



4278894847



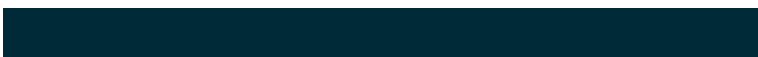
4281294830



4285298040



4278225080



4278200888



# Inverse Universe

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



4293799869



4294904512



4293836335



4286082165



4290248840

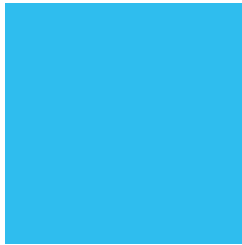


4281860138



# Previews

## White Background



This preview shows how the Android color 4281318894 looks on a white background.

## Color Contrast Check

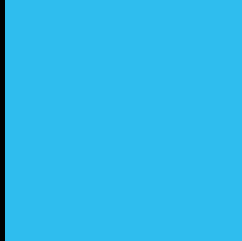
Large Text (above 18pt) WCAG AA × Fail

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 4281318894 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 4281318894 Background



This preview shows how black text looks on a background with the Android color 4281318894.



This preview shows how white text looks on a background with the Android color 4281318894.

# 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



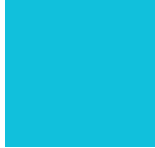
**Original Color**  
4281318894



**Protanomaly**  
4286034662



**Deuteranomaly**  
4285706993



**Tritanomaly**  
4279353564

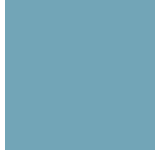
# Monochromacy



**Original Color**  
4281318894



**Achromatopsia**  
4288190616



**Achromatomaly**  
4285703607

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281318894 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, 189, 238)` looks like.

```
.text, #text, p{  
    color:rgb(47, 189, 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(47, 189, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 189, 238) }
```

## Border

The CSS property to change the border of an element to Android 4281318894 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, 189, 238) }
```

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

```
.border{ border-color:rgb(47, 189, 238) }
```

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

Here you see how a box with a 4 pixel rgb(47, 189, 238) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 189, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 189, 238);  
box-shadow:4px 4px 4px 4px rgb(47, 189,  
238) }
```

# Background

The CSS property to change the background color of an element to Android 4281318894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 189, 238) }
```

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

```
.background{ background-color: rgb(47, 189,  
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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