

# Converting Colors

Android(4282366180)

Have a look what the booklet for  
Android(4282366180) contains.

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# **Color**

**Android(4282366180)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3FB8E4
RGB	63, 184, 228
RGB Percent	25%, 72%, 89%
CMY	0.7529, 0.2784, 0.1059
CMYK	0.72, 0.19, 0.00, 0.11
HSL	196°, 75%, 57%
HSV	196°, 72%, 89%
XYZ	33.1940, 40.9392, 79.5513
YIQ	152.8370, -86.2400, -11.9680

# Conversions

## Conversions Part 2

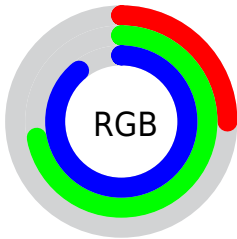
<b>Format</b>	<b>Color</b>
<b>RYB</b>	63, 133, 228
Decimal	4176100
CIELab	70.13, -19.16, -31.63
CIElCh	70, 36.976, 238.798
Yxy	40.9392, 0.2160, 0.2664
Android (android.graphics.Color)	4282366180 (0xFF3FB8E4)
YUV	152.8370, 37.0554, -78.7870
Hunter-Lab	63.9837, -19.3679, -28.9270

# Details

The Android color **4282366180** 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 **4293159743**, and the grayscale version is **4288256409**.

A 20% lighter version of the original color is **4286836991**, and **4278223788** is the 20% darker color. If you saturate the color by 10%, you get **4280857316**, and if you desaturate by 10%, it is **4283875044**.

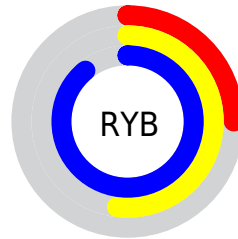
# Distribution



Red (25%)

Green (72%)

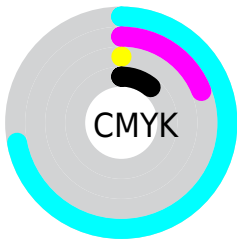
Blue (89%)



Red (25%)

Yellow (52%)

Blue (89%)

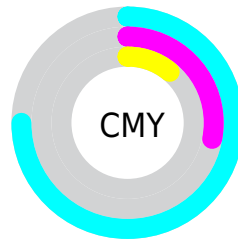


Cyan (72%)

Magenta (19%)

Yellow (0%)

Black (11%)



Cyan (75%)

Magenta (28%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282366180 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 4282366180 by changing the saturation by 10% instead.



 4282366180

 4282366180

4294967295

 4278230472

 4286836991

 4278223788

 4288872447

 4278217362

 4290904063

 4278210936

 4292870143

 4278205023

4294901759

 4278199623

 4278191409

 4278190363

 4278190080

■ 4282366180

■ 4282366180

■ 4280857316

■ 4283875044

■ 4279348452

■ 4285383908

■ 4278233060

■ 4286827236

■ 4288336100

■ 4289844964

■ 4291353828

■ 4292862948

■ 4294306276

■ 4294963172

# Harmonies

## Analogous

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



4280597963



4282366180



4286164974

# Triad

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



4282366180



4293563054



4288721775

# Complementary

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



4282366180



4293159743

# 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.



4291012968



4282366180



4293694605

# Square

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



4282366180



4292188367



4292779379



4286102152

# Rectangle

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



4282366180



4288522219



4292779379



4289507435

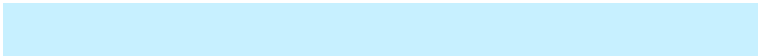


# Sweetspot

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



4282366180



4291293439



4282377323



4284381056



4278190080



4286611584

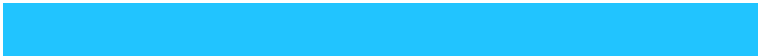


# Same Dimension

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



4282366180



4280403199



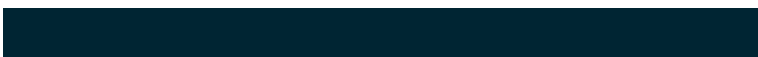
4282345188



4284969075



4278223795



4278199603



# Inverse Universe

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



4293148600



4294910404



4293180991



4285753200



4289921155



4281532453



# Previews

## White Background



This preview shows how the Android color 4282366180 looks on a white background.

## Color Contrast Check

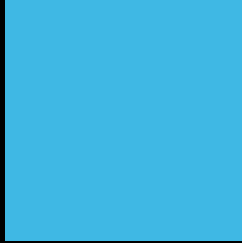
Large Text (above 18pt) WCAG AA × Fail

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 4282366180 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 4282366180 Background



This preview shows how black text looks on a background with the Android color 4282366180.

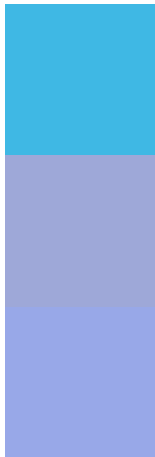


This preview shows how white text looks on a background with the Android color 4282366180.

# 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](#).

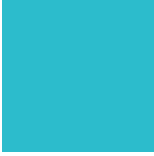
## Dichromacy



**Original Color**  
4282366180

**Protanopia**  
4288587992

**Deuteranopia**  
4288194792



**Tritanopia**  
4281121996

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282366180 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(63, 184, 228)` looks like.

```
.text, #text, p{  
    color:rgb(63, 184, 228)  
}
```

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(63, 184, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 184, 228) }
```

## Border

The CSS property to change the border of an element to Android 4282366180 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(63, 184, 228) }
```

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

```
.border{ border-color:rgb(63, 184, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 184, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 184, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 184, 228);  
box-shadow:4px 4px 4px 4px rgb(63, 184,  
228) }
```

# Background

The CSS property to change the background color of an element to Android 4282366180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 184, 228) }
```

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

```
.background{ background-color: rgb(63, 184,  
228) }
```

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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