

# Converting Colors

Android(4281772263)

Have a look what the booklet for  
Android(4281772263) contains.

<b>Android(4281772263)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Android(4281772263)**

# Conversions

## Conversions Part 1

Format	Color
Hex	36A8E7
RGB	54, 168, 231
RGB Percent	21%, 66%, 91%
CMY	0.7882, 0.3412, 0.0941
CMYK	0.77, 0.27, 0.00, 0.09
HSL	201°, 79%, 56%
HSV	201°, 77%, 91%
XYZ	29.9478, 34.5591, 80.6935
YIQ	141.0960, -88.1670, -4.5750

# Conversions

## Conversions Part 2

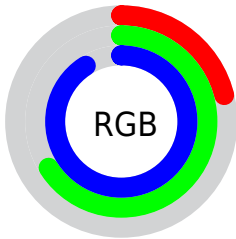
Format	Color
R <sub>Y</sub> B	54, 123, 231
Decimal	3582183
CIE Lab	65.40, -10.64, -40.64
CIE LCh	65, 42.010, 255.323
Yxy	34.5591, 0.2063, 0.2380
Android (android.graphics.Color)	4281772263 (0xFF36A8E7)
YUV	141.0960, 44.3227, -76.3832
Hunter-Lab	58.7870, -11.9441, -40.2331

# Details

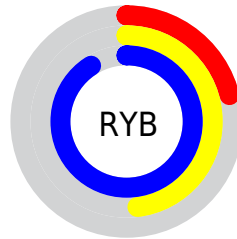
The Android color `4281772263` is a light color, and the websafe version is hex `3399CC`. The color can be described as light washed azure. A complement of this color would be `4293358902`, and the grayscale version is `4287466893`.

A 20% lighter version of the original color is `4286439423`, and `4278219951` is the 20% darker color. If you saturate the color by 10%, you get `4280262887`, and if you desaturate by 10%, it is `4283281639`.

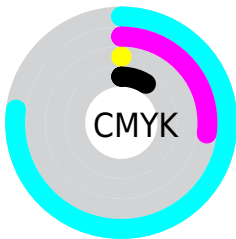
# Distribution



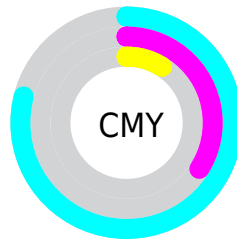
- Red (21%)
- Green (66%)
- Blue (91%)



- Red (21%)
- Yellow (48%)
- Blue (91%)



- Cyan (77%)
- Magenta (27%)
- Yellow (0%)
- Black (9%)



- Cyan (79%)
- Magenta (34%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281772263 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 4281772263 by changing the saturation by 10% instead.



 4281772263

 4281772263

4294967295

 4278226635

 4286439423

 4278219951

 4288478463

 4278213780

 4290510847

 4278207610

 4292542463

 4278201953

 4294574079

 4278197065

 4278191154

 4278190364

 4278190080

■ 4281772263

■ 4281772263

■ 4280262887

■ 4283281639

■ 4278753511

■ 4284791015

■ 4278228455

■ 4286300647

■ 4287810023

■ 4289384935

■ 4290894311

■ 4292403943

■ 4293913319

■ 4294963943

# Harmonies

## Analogous

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



4278235347



4281772263



4286946535

# Triad

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



4281772263



4293362061



4286164072

# Complementary

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



4281772263



4293358902

# 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.



4288914260



4281772263



4292774251

# Square

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



4281772263



4292641715



4291204694



4282626442

# Rectangle

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



4281772263



4289434332



4291204694



4287146336

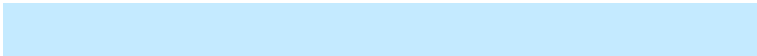


# Sweetspot

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



4281772263



4291095295



4281788276



4284248960



4278190080



4286611584

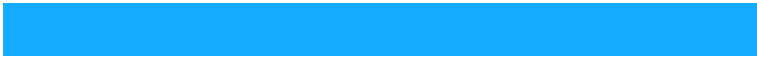


# Same Dimension

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



4281772263



4279544831



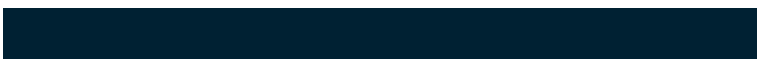
4281749991



4284968819



4278219699



4278198579



# Inverse Universe

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



4293342888



4294907051



4293381174



4285753199



4289921139

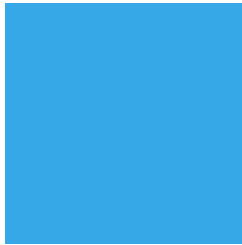


4281532449



# Previews

## White Background



This preview shows how the Android color 4281772263 looks on a white background.

## Color Contrast Check

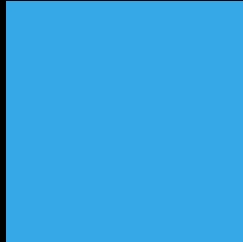
Large Text (above 18pt) WCAG AA × Fail

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 4281772263 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

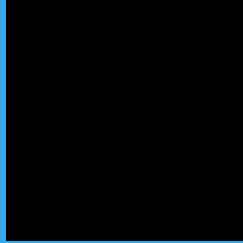
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

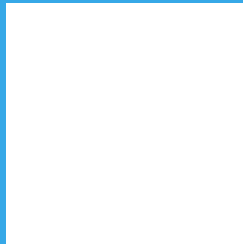
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4281772263 Background



This preview shows how black text looks on a background with the Android color 4281772263.



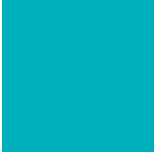
This preview shows how white text looks on a background with the Android color 4281772263.

# 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**

4281772263



**Protanomaly**

4285243617



**Deuteranomaly**

4284719593



**Tritanomaly**

4279545036

# Monochromacy



**Original Color**

4281772263



**Achromatopsia**

4287466893



**Achromatomaly**

4285372334

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281772263 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(54, 168, 231)` looks like.

```
.text, #text, p{  
    color:rgb(54, 168, 231)  
}
```

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(54, 168, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 168, 231) }
```

## Border

The CSS property to change the border of an element to Android 4281772263 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(54, 168, 231) }
```

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

```
.border{ border-color:rgb(54, 168, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 168, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 168, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 168, 231);  
box-shadow:4px 4px 4px 4px rgb(54, 168,  
231) }
```

# Background

The CSS property to change the background color of an element to Android 4281772263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 168, 231) }
```

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

```
.background{ background-color: rgb(54, 168,  
231) }
```

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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