

# Converting Colors

Android(4281107120)

Have a look what the booklet for  
Android(4281107120) contains.

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# Color

**Android(4281107120)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2C82B0
RGB	44, 130, 176
RGB Percent	17%, 51%, 69%
CMY	0.8275, 0.4902, 0.3098
CMYK	0.75, 0.26, 0.00, 0.31
HSL	201°, 60%, 43%
HSV	201°, 75%, 69%
XYZ	16.8578, 19.6353, 43.9758
YIQ	109.5300, -66.0220, -3.9260

# Conversions

## Conversions Part 2

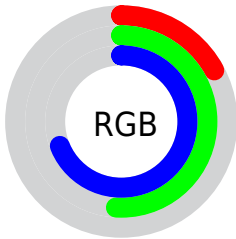
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	44, 96, 176
Decimal	2917040
CIE <sub>Lab</sub>	51.42, -9.69, -31.59
CIE <sub>LCh</sub>	51, 33.043, 252.950
Yxy	19.6353, 0.2095, 0.2440
Android (android.graphics.Color)	4281107120 (0xFF2C82B0)
YUV	109.5300, 32.7697, -57.4698
Hunter-Lab	44.3118, -9.6377, -27.8222

# Details

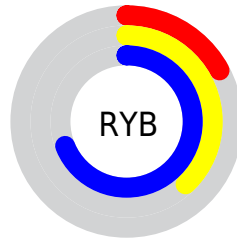
The Android color `4281107120` is a dark color, and the websafe version is hex `3399CC`. A complement of this color would be `4289747500`, and the grayscale version is `4285361517`.

A 20% lighter version of the original color is `4285315048`, and `4278210939` is the 20% darker color. If you saturate the color by 10%, you get `4279925936`, and if you desaturate by 10%, it is `4282288304`.

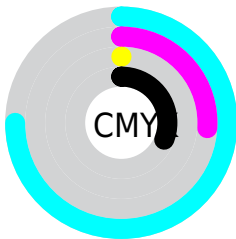
# Distribution



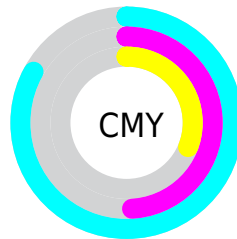
- Red (17%)
- Green (51%)
- Blue (69%)



- Red (17%)
- Yellow (38%)
- Blue (69%)



- Cyan (75%)
- Magenta (26%)
- Yellow (0%)
- Black (31%)




- Cyan (83%)
- Magenta (49%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281107120 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 4281107120 by changing the saturation by 10% instead.



 4281107120

 4281107120

4294967295

 4278217109

 4285315048


 4278210939

 4287222527

 4278205026

 4289130495

 4278199626


 4291100671

 4278193715

 4293001215

 4278190621

 4278190080

 4281107120

 4281107120

 4279925936

 4282288304

■ 4278810288

■ 4283403952

■ 4278219696

■ 4284585136

■ 4285701040

■ 4286882224

■ 4288063408

■ 4289179056

■ 4290360240

■ 4291475888

# Harmonies

## Analogous

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



4278224800



4281107120



4284774833

# Triad

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



4281107120



4289815663



4284580944

# Complementary

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



4281107120



4289747500

# 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.



4286610754



4281107120



4289489493

# Square

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



4281107120



4289160844



4288312133



4282091625

# Rectangle

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



4281107120



4286673578



4288312133



4285301322



# Sweetspot

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



4281107120



4289844198



4281118808



4283656307



4294111986



4285756275



# Same Dimension

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



4281107120



4279738086



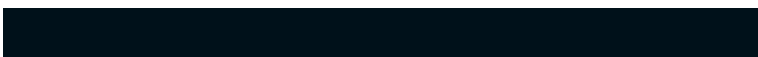
4281090736



4283455065



4278215833



4278194458



# Inverse Universe

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



4289735810



4293269406



4289763884



4284043350



4288217188



4279894033



# Previews

## White Background



This preview shows how the Android color 4281107120 looks on a white background.

## Color Contrast Check

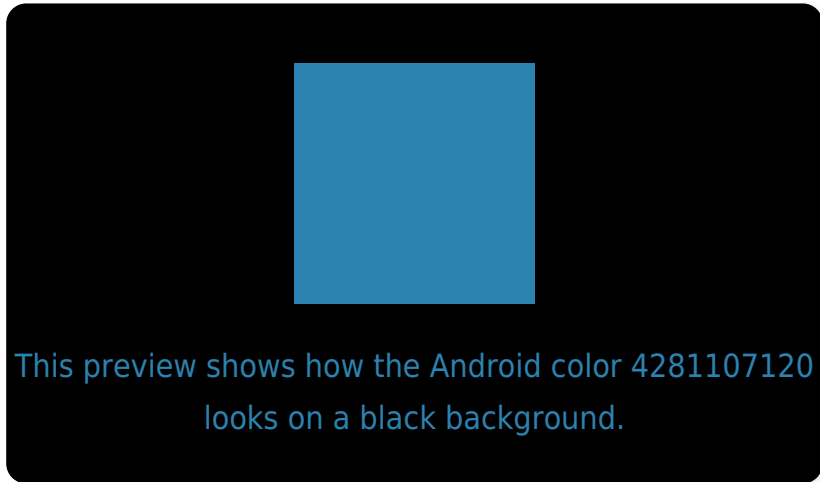
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# 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 × Fail

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



# Android 4281107120 Background



This preview shows how black text looks on a background with the Android color 4281107120.



This preview shows how white text looks on a background with the Android color 4281107120.

# 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**  
4281107120

**Protanomaly**  
4283727019

**Deuteranomaly**  
4283333809

**Tritanomaly**  
4279272861

# Monochromacy



**Original Color**  
4281107120

**Achromatopsia**  
4285427310

**Achromatomaly**  
4283856262

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281107120 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(44, 130, 176)` looks like.

```
.text, #text, p{  
    color:rgb(44, 130, 176)  
}
```

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(44, 130, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 130, 176) }
```

## Border

The CSS property to change the border of an element to Android 4281107120 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(44, 130, 176) }
```

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

```
.border{ border-color:rgb(44, 130, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 130, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 130, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 130, 176);  
box-shadow:4px 4px 4px 4px rgb(44, 130,  
176) }
```

# Background

The CSS property to change the background color of an element to Android 4281107120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 130, 176) }
```

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

```
.background{ background-color: rgb(44, 130,  
176) }
```

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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