

# Converting Colors

Android(4280110300)

Have a look what the booklet for  
Android(4280110300) contains.

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# Color

**Android(4280110300)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1D4CDC
RGB	29, 76, 220
RGB Percent	11%, 30%, 86%
CMY	0.8863, 0.7020, 0.1373
CMYK	0.87, 0.65, 0.00, 0.14
HSL	225°, 77%, 49%
HSV	225°, 87%, 86%
XYZ	16.0094, 10.5974, 68.9119
YIQ	78.3630, -74.2360, 34.8200

# Conversions

## Conversions Part 2

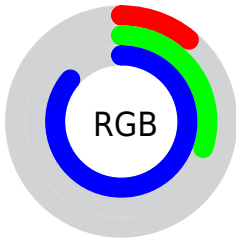
<b>Format</b>	<b>Color</b>
<code>RYB</code>	<code>29, 67, 220</code>
Decimal	<code>1920220</code>
CIELab	<code>38.89, 39.52, -77.07</code>
CIELCh	<code>39, 86.612, 297.147</code>
Yxy	<code>10.5974, 0.1676, 0.1109</code>
Android ( <code>android.graphics.Color</code> )	<code>4280110300 (0xFF1D4CDC)</code>
YUV	<code>78.3630, 69.8270, -43.2914</code>
Hunter-Lab	<code>32.5536, 30.8148, -102.7217</code>

# Details

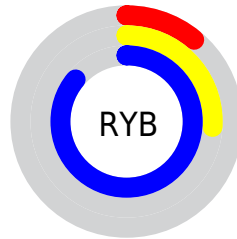
The Android color `4280110300` is a dark color, and the websafe version is hex `3366FF`. The color can be described as dark washed blue. A complement of this color would be `4292652317`, and the grayscale version is `4283321934`.

A 20% lighter version of the original color is `4285562367`, and `4278198692` is the 20% darker color. If you saturate the color by 10%, you get `4278664156`, and if you desaturate by 10%, it is `4281556444`.

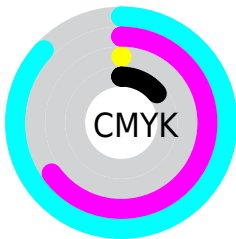
# Distribution



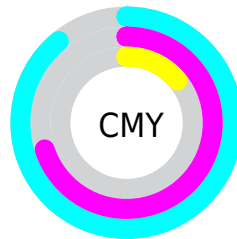
- Red (11%)
- Green (30%)
- Blue (86%)



- Red (11%)
- Yellow (26%)
- Blue (86%)



- Cyan (87%)
- Magenta (65%)
- Yellow (0%)
- Black (14%)



- Cyan (89%)
- Magenta (70%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280110300 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 4280110300 by changing the saturation by 10% instead.



 4280110300

 4280110300

4294967295

 4278204095

 4285562367

 4278198692

 4287731711

 4278194312

 4289769983

 4278190190

 4291874303

 4278193237

 4293913087

 4278191676

 4278190630

 4278190350

 4278190080

■ 4280110300

■ 4280110300

■ 4278664156

■ 4281556444

■ 4278204124

■ 4283002332

■ 4284448476

■ 4285894364

■ 4287340508

■ 4288786652

■ 4290232540

■ 4291678684

■ 4293124572

# Harmonies

## Analogous

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



4278217196



4280110300



4289003690

# Triad

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



4280110300



4289278208



4278220115

# Complementary

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



4280110300



4292652317

# 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.



4278219264



4280110300



4285945600

# Square

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



4280110300



4291362849



4281166080



4278220443

# Rectangle

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



4280110300



4291035261



4281166080



4278219833



# Sweetspot

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



4280110300



4290629119



4280147116



4283982464



4278190080



4286611584



# Same Dimension

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



4280110300



4278206463



4283243996



4284704110



4278201261



4278192942



# Inverse Universe

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



4292615500



4294901823



4289518621



4285424485



4289527851

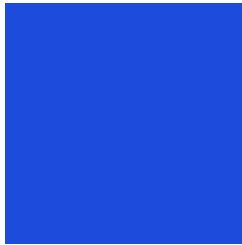


4281204747



# Previews

## White Background



This preview shows how the Android color 4280110300 looks on a white background.

## Color Contrast Check

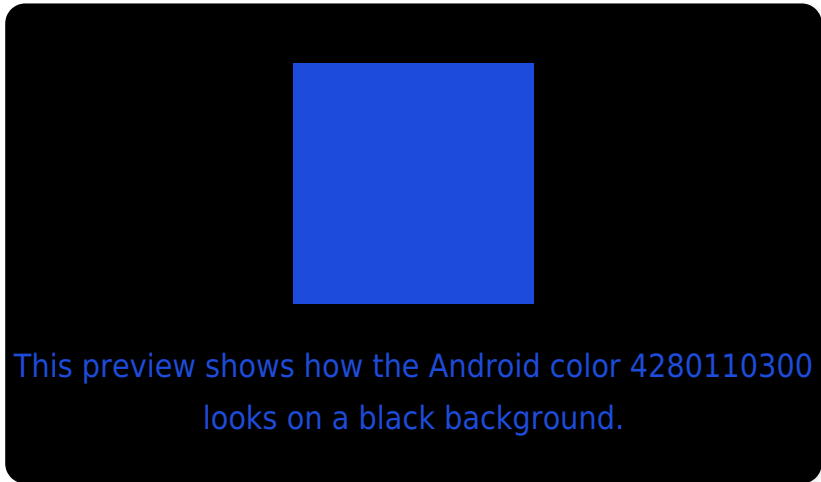
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black 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

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



# Android 4280110300 Background



This preview shows how black text looks on a background with the Android color 4280110300.



This preview shows how white text looks on a background with the Android color 4280110300.

# 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**  
4280110300

**Protanopia**  
4278212793

**Deuteranopia**  
4278214046



# Trichromacy



**Original Color**  
4280110300

**Protanomaly**  
4278932678

**Deuteranomaly**  
4278933429

**Tritanomaly**  
4278934676

# Monochromacy



**Original Color**  
4280110300

**Achromatopsia**  
4283321934

**Achromatomaly**  
4282142082

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280110300 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(29, 76, 220)` looks like.

```
.text, #text, p{  
    color:rgb(29, 76, 220)  
}
```

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(29, 76, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 76, 220) }
```

## Border

The CSS property to change the border of an element to Android 4280110300 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(29, 76, 220) }
```

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

```
.border{ border-color:rgb(29, 76, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(29, 76, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 76, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 76, 220);  
box-shadow:4px 4px 4px 4px rgb(29, 76,  
220) }
```

# Background

The CSS property to change the background color of an element to Android 4280110300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 76, 220) }
```

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

```
.background{ background-color: rgb(29, 76,  
220) }
```

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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