

# Converting Colors

Android(4279909300)

Have a look what the booklet for  
Android(4279909300) contains.

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# Color

**Android(4279909300)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1A3BB4
RGB	26, 59, 180
RGB Percent	10%, 23%, 71%
CMY	0.8980, 0.7686, 0.2941
CMYK	0.86, 0.67, 0.00, 0.29
HSL	227°, 75%, 40%
HSV	227°, 86%, 71%
XYZ	10.2282, 6.6428, 43.9231
YIQ	62.9270, -58.5090, 30.6350

# Conversions

## Conversions Part 2

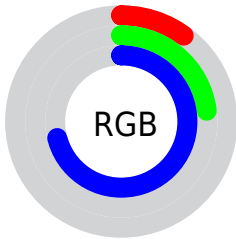
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	26, 53, 180
Decimal	1719220
CIE Lab	30.98, 35.33, -66.78
CIE LCh	31, 75.546, 297.879
Yxy	6.6428, 0.1682, 0.1093
Android (android.graphics.Color)	4279909300 (0xFF1A3BB4)
YUV	62.9270, 57.7170, -32.3850
Hunter-Lab	25.7737, 25.7331, -82.9995

# Details

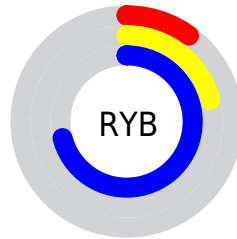
The Android color `4279909300` is a dark color, and the websafe version is hex `003399`. A complement of this color would be `4290024218`, and the grayscale version is `4282269246`.

A 20% lighter version of the original color is `4284902125`, and `4278194814` is the 20% darker color. If you saturate the color by 10%, you get `4278726068`, and if you desaturate by 10%, it is `4281092532`.

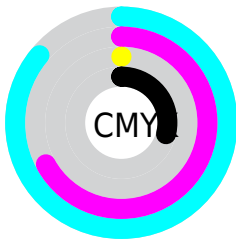
# Distribution



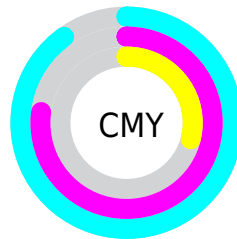
- Red (10%)
- Green (23%)
- Blue (71%)



- Red (10%)
- Yellow (21%)
- Blue (71%)



- Cyan (86%)
- Magenta (67%)
- Yellow (0%)
- Black (29%)



- Cyan (90%)
- Magenta (77%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4279909300 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 4279909300 by changing the saturation by 10% instead.



 4279909300

 4279909300

4294967295

 4278199961

 4284902125

 4278194814

 4286874623

 4278190180

 4288847615

 4278192459

 4290820351

 4278191155

 4292793599

 4278190621

 4294832639

 4278190080

 4279909300

 4279909300

 4278726068

 4281092532

■ 4278200244

■ 4282275764

■ 4283458996

■ 4284642484

■ 4285825716

■ 4287008948

■ 4288192180

■ 4289375412

■ 4290558644

# Harmonies

## Analogous

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



4278211778



4279909300



4287037577

# Triad

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



4279909300



4287178240



4278214211

# Complementary

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



4279909300



4290024218

# 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.



4278213376



4279909300



4284368384

# Square

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



4279909300



4288938007



4280177920



4278214527

# Rectangle

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



4279909300



4288741476



4280177920



4278213934



# Sweetspot

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



4279909300



4289641451



4279940243



4283521397



4294309365



4285887861



# Same Dimension

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



4279909300



4278203115



4282784436



4283454041



4278198681



4278191386



# Inverse Universe

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



4289993275



4293591090



4287149082



4284043346



4288217121

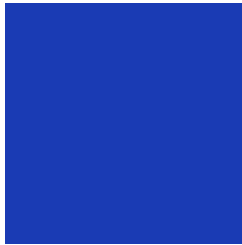


4279894021



# Previews

## White Background



This preview shows how the Android color 4279909300 looks on a white background.

## Color Contrast Check

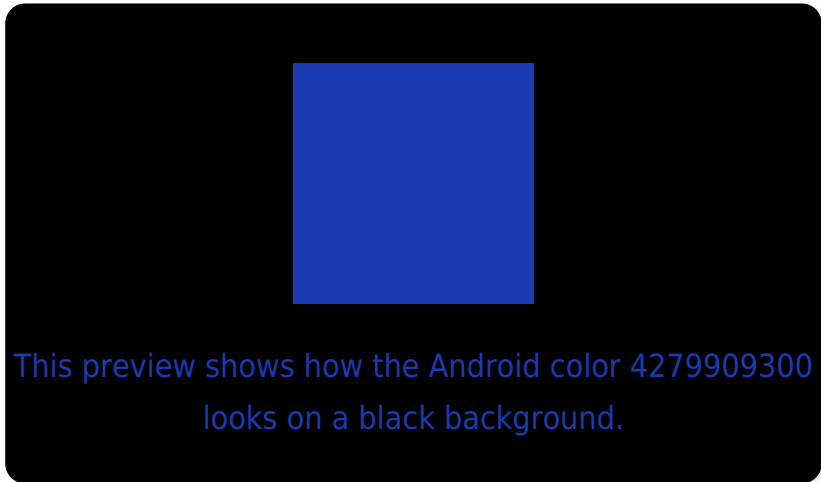
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black 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

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



# Android 4279909300 Background



This preview shows how black text looks on a background with the Android color 4279909300.



This preview shows how white text looks on a background with the Android color 4279909300.

# 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**

4279909300

**Protanopia**

4278208148

**Deuteranopia**

4278209406



# Trichromacy



**Original Color**  
4279909300

**Protanomaly**  
4278796960

**Deuteranomaly**  
4278797714

**Tritanomaly**  
4278798712

# Monochromacy



**Original Color**  
4279909300

**Achromatopsia**  
4282335039

**Achromatomaly**  
4281482858

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4279909300 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(26, 59, 180)` looks like.

```
.text, #text, p{  
    color:rgb(26, 59, 180)  
}
```

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(26, 59, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 59, 180) }
```

## Border

The CSS property to change the border of an element to Android 4279909300 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(26, 59, 180) }
```

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

```
.border{ border-color:rgb(26, 59, 180) }
```

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

Here you see how a box with a 4 pixel rgb(26, 59, 180) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 59, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 59, 180);  
box-shadow:4px 4px 4px 4px rgb(26, 59,  
180) }
```

# Background

The CSS property to change the background color of an element to Android 4279909300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 59, 180) }
```

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

```
.background{ background-color: rgb(26, 59,  
180) }
```

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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