

# Converting Colors

Android(4280696319)

Have a look what the booklet for  
Android(4280696319) contains.

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# Color

**Android(4280696319)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	263DFF
RGB	38, 61, 255
RGB Percent	15%, 24%, 100%
CMY	0.8510, 0.7608, 0.0000
CMYK	0.85, 0.76, 0.00, 0.00
HSL	234°, 100%, 57%
HSV	234°, 85%, 100%
XYZ	20.5181, 10.9696, 95.6437
YIQ	76.2390, -75.9820, 55.4580

# Conversions

## Conversions Part 2

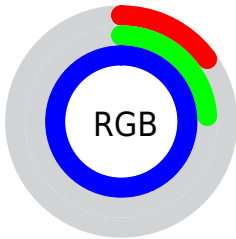
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	38, 59, 255
Decimal	2506239
CIE Lab	39.53, 60.59, -95.80
CIE LCh	40, 113.354, 302.312
Yxy	10.9696, 0.1614, 0.0863
Android (android.graphics.Color)	4280696319 (0xFF263DFF)
YUV	76.2390, 88.1292, -33.5356
Hunter-Lab	33.1203, 52.6204, -148.0313

# Details

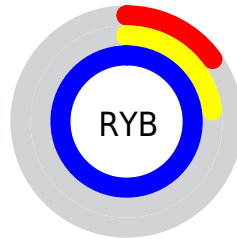
The Android color `4280696319` is a dark color, and the websafe version is hex `3333FF`. The color can be described as dark washed blue. A complement of this color would be `4294961190`, and the grayscale version is `4283124555`.

A 20% lighter version of the original color is `4286541823`, and `4278193349` is the 20% darker color. If you saturate the color by 10%, you get `4279052031`, and if you desaturate by 10%, it is `4282406143`.

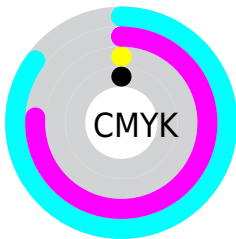
# Distribution



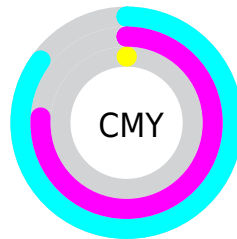
- Red (15%)
- Green (24%)
- Blue (100%)



- Red (15%)
- Yellow (23%)
- Blue (100%)



- Cyan (85%)
- Magenta (76%)
- Yellow (0%)
- Black (0%)



- Cyan (85%)
- Magenta (76%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280696319 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 4280696319 by changing the saturation by 10% instead.



 4280696319

 4280696319

4294967295

 4278199777

 4286541823

 4278193349

 4288776703

 4278190248

 4290946303

 4278190221

 4293050623

 4278192754

 4294958335

 4278193496

 4294965759

 4278191936

 4278190889

 4278190355

■ 4280696319

■ 4280696319

■ 4279052031

■ 4282406143

■ 4278197247

■ 4284050431

■ 4285759999

■ 4287404287

■ 4289114111

■ 4290758399

■ 4292468223

■ 4294112255

4294967295

# Harmonies

## Analogous

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



4278217983



4280696319



4291297461

# Triad

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



4280696319



4289865984



4278221667

# Complementary

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



4280696319



4294961190

# 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.



4278220800



4280696319



4285291776

# Square

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



4280696319



4292935680



4278219008



4278222272

# Rectangle

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



4280696319



4293394553



4278219008



4278221378



# Sweetspot

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



4280696319



4290626815



4280745958



4283980928



4278190080



4286611584



# Same Dimension

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



4280696319



4278197247



4286129919



4285756544



4278195391



4278191936



# Inverse Universe

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



4294911549



4294901787



4289527590



4286608244



4290707476

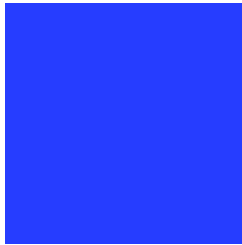


4282384391



# Previews

## White Background



This preview shows how the Android color 4280696319 looks on a white background.

## Color Contrast Check

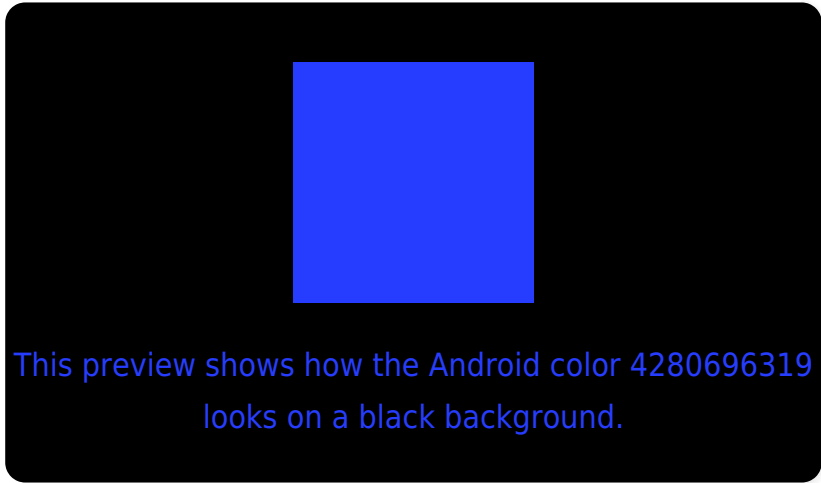
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280696319 Background



This preview shows how black text looks on a background with the Android color 4280696319.



This preview shows how white text looks on a background with the Android color 4280696319.

# 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**  
4280696319

**Protanopia**  
4278213051

**Deuteranopia**  
4278214559



# Trichromacy



**Original Color**  
4280696319

**Protanomaly**  
4279128020

**Deuteranomaly**  
4279129026

**Tritanomaly**  
4279130017

# Monochromacy



**Original Color**  
4280696319

**Achromatopsia**  
4283190348

**Achromatomaly**  
4282271629

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280696319 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(38, 61, 255)` looks like.

```
.text, #text, p{  
    color:rgb(38, 61, 255)  
}
```

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(38, 61, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 61, 255) }
```

## Border

The CSS property to change the border of an element to Android 4280696319 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(38, 61, 255) }
```

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

```
.border{ border-color:rgb(38, 61, 255) }
```

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

Here you see how a box with a 4 pixel rgb(38, 61, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 61, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 61, 255);  
box-shadow:4px 4px 4px 4px rgb(38, 61,  
255) }
```

# Background

The CSS property to change the background color of an element to Android 4280696319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 61, 255) }
```

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

```
.background{ background-color: rgb(38, 61,  
255) }
```

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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