

# Converting Colors

Android(4280963071)

Have a look what the booklet for  
Android(4280963071) contains.

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# Color

**Android(4280963071)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2A4FFF
RGB	42, 79, 255
RGB Percent	16%, 31%, 100%
CMY	0.8353, 0.6902, 0.0000
CMYK	0.84, 0.69, 0.00, 0.00
HSL	230°, 100%, 58%
HSV	230°, 84%, 100%
XYZ	21.8008, 13.3042, 96.0267
YIQ	88.0010, -78.5480, 46.8920

# Conversions

## Conversions Part 2

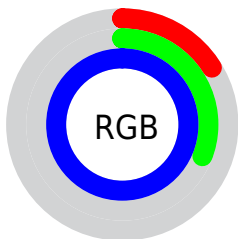
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	42, 74, 255
Decimal	2772991
CIE Lab	43.22, 50.82, -89.70
CIE LCh	43, 103.090, 299.533
Yxy	13.3042, 0.1663, 0.1015
Android (android.graphics.Color)	4280963071 (0xFF2A4FFF)
YUV	88.0010, 82.3305, -40.3429
Hunter-Lab	36.4749, 42.8572, -130.5589

# Details

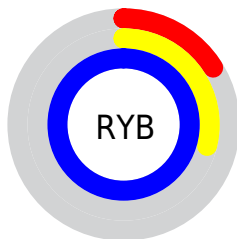
The Android color `4280963071` is a dark color, and the websafe version is hex `0033CC`. The color can be described as dark washed blue. A complement of this color would be `4294957610`, and the grayscale version is `4283914071`.

A 20% lighter version of the original color is `4286546431`, and `4278198981` is the 20% darker color. If you saturate the color by 10%, you get `4279253759`, and if you desaturate by 10%, it is `4282606847`.

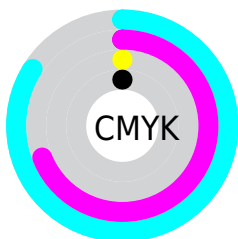
# Distribution



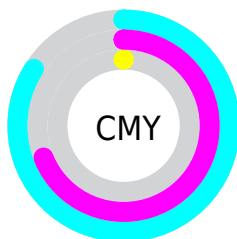
- Red (16%)
- Green (31%)
- Blue (100%)



- Red (16%)
- Yellow (29%)
- Blue (100%)



- Cyan (84%)
- Magenta (69%)
- Yellow (0%)
- Black (0%)



- Cyan (84%)
- Magenta (69%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280963071 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 4280963071 by changing the saturation by 10% instead.



 4280963071

 4280963071

4294967295

 4278204642

 4286546431

 4278198981

 4288781311

 4278194089

 4290885375

 4278190221

 4292989695

 4278191474

 4294962943

 4278193497

 4278191936

 4278190889

 4278190355

■ 4280963071

■ 4280963071

■ 4279253759

■ 4282606847

■ 4278201599

■ 4284316159

■ 4286025471

■ 4287669247

■ 4289378559

■ 4291022335

■ 4292731647

■ 4294375679

4294967295

# Harmonies

## Analogous

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



4278220287



4280963071



4291035327

# Triad

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



4280963071



4290655488



4278223971

# Complementary

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



4280963071



4294957610

# 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.



4278222848



4280963071



4286472960

# Square

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



4280963071



4293328921



4279400448



4278224314

# Rectangle

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



4280963071



4293263496



4279400448



4278223684



# Sweetspot

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



4280963071



4290759423



4281008088



4284047488



4278190080



4286611584



# Same Dimension

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



4280963071



4278201599



4285344511



4285756800



4278198719



4278192960



# Inverse Universe

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



4294912591



4294901804



4290576170



4286608245



4290707489

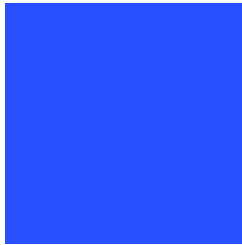


4282384395



# Previews

## White Background



This preview shows how the Android color 4280963071 looks on a white background.

## Color Contrast Check

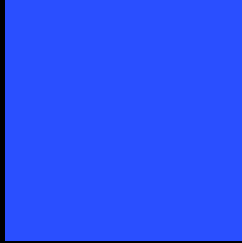
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Android color 4280963071 looks on a 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 4280963071 Background



This preview shows how black text looks on a background with the Android color 4280963071.



This preview shows how white text looks on a background with the Android color 4280963071.

# 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**  
4280963071

**Protanomaly**  
4279196383

**Tritanomaly**  
4279198888

# Monochromacy



**Original Color**  
4280963071

**Achromatopsia**  
4283979864

**Achromatomaly**  
4282865045

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280963071 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(42, 79, 255)` looks like.

```
.text, #text, p{  
    color:rgb(42, 79, 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(42, 79, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 79, 255) }
```

## Border

The CSS property to change the border of an element to Android 4280963071 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(42, 79, 255) }
```

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

```
.border{ border-color:rgb(42, 79, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 79, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 79, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 79, 255);  
box-shadow:4px 4px 4px 4px rgb(42, 79,  
255) }
```

# Background

The CSS property to change the background color of an element to Android 4280963071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 79, 255) }
```

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

```
.background{ background-color: rgb(42, 79,  
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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