

# Converting Colors

Android(4280627383)

Have a look what the booklet for  
Android(4280627383) contains.

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# Color

**Android(4280627383)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2530B7
RGB	37, 48, 183
RGB Percent	15%, 19%, 72%
CMY	0.8549, 0.8118, 0.2824
CMYK	0.80, 0.74, 0.00, 0.28
HSL	235°, 66%, 43%
HSV	235°, 80%, 72%
XYZ	10.3671, 5.9261, 45.3972
YIQ	60.1010, -49.8910, 39.6530

# Conversions

## Conversions Part 2

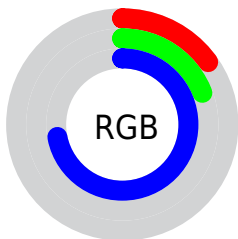
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	37, 47, 183
Decimal	2437303
CIE Lab	29.23, 43.96, -71.44
CIE LCh	29, 83.880, 301.607
Yxy	5.9261, 0.1681, 0.0961
Android (android.graphics.Color)	4280627383 (0xFF2530B7)
YUV	60.1010, 60.5892, -20.2596
Hunter-Lab	24.3436, 33.4159, -93.5264




# Details

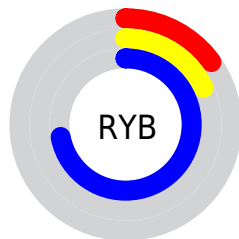
The Android color `4280627383` is a dark color, and the websafe version is hex `3333CC`. A complement of this color would be `4290227237`, and the grayscale version is `4282137660`.




A 20% lighter version of the original color is `4285292528`, and `4278191489` is the 20% darker color. If you saturate the color by 10%, you get `4279443383`, and if you desaturate by 10%, it is `4281811383`.

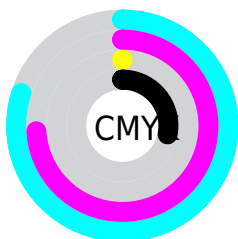
# Distribution







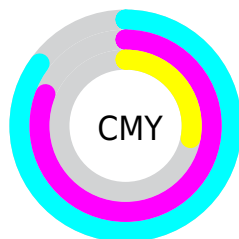
-  Red (15%)
-  Green (19%)
-  Blue (72%)






-  Red (15%)
-  Yellow (18%)
-  Blue (72%)



-  Cyan (80%)
-  Magenta (74%)
-  Yellow (0%)
-  Black (28%)



-  Cyan (85%)
-  Magenta (81%)
-  Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280627383 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 4280627383 by changing the saturation by 10% instead.



 4280627383

 4280627383

4294967295

 4278196891

 4285292528


 4278191489

 4287330815

 4278190183

 4289303551

 4278192717

 4291276287

 4278191414

 4293315071

 4278190623

 4294960639

 4278190083

 4278190080

 4280627383

 4280627383

■ 4279443383

■ 4281811383

■ 4278193847

■ 4283060919

■ 4284244919

■ 4285428919

■ 4286678455

■ 4287862455

■ 4289046199

■ 4290230199

■ 4291479735

# Harmonies

## Analogous

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



4278210508



4280627383



4287561860

# Triad

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



4280627383



4286784000



4278213447

# Complementary

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



4280627383



4290227237

# 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.



4278212608



4280627383



4283581440

# Square

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



4280627383



4288937986



4278211328



4278213769

# Rectangle

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



4280627383



4289134682



4278211328



4278213168



# Sweetspot

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



4280627383



4290034157



4280661931



4283783288



4294440951



4286085240



# Same Dimension

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



4280627383



4278787053



4284622263



4283650908



4278193308



4278190620



# Inverse Universe

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



4290192688



4293724443



4286232357



4284240723



4288413708

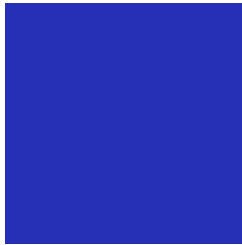


4280025090



# Previews

## White Background



This preview shows how the Android color 4280627383 looks on a white background.

## Color Contrast Check

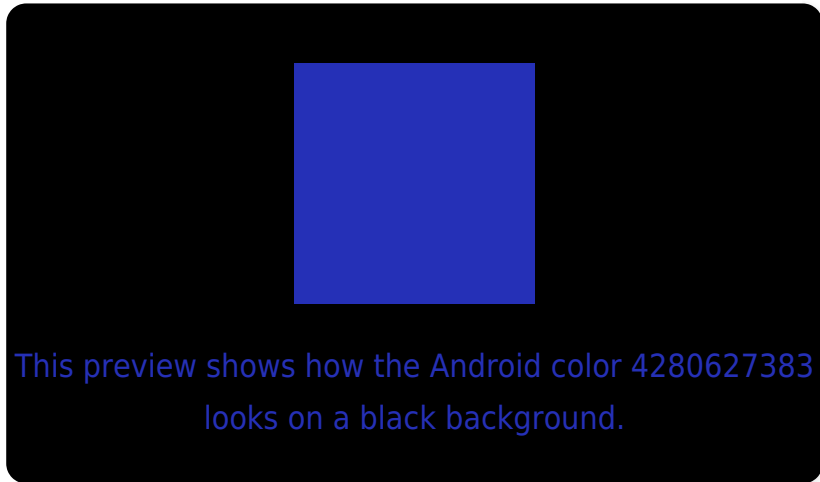
Large Text (above 18pt) WCAG AA ✓ Pass

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

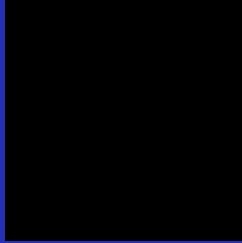
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4280627383 Background



This preview shows how black text looks on a background with the Android color 4280627383.



This preview shows how white text looks on a background with the Android color 4280627383.

# 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**

4280627383

**Protanopia**

4278207116

**Deuteranopia**

4278208375



# Trichromacy



**Original Color**  
4280627383

**Protanomaly**  
4279057308

**Deuteranomaly**  
4279058318

**Tritanomaly**  
4279059062

# Monochromacy



**Original Color**  
4280627383

**Achromatopsia**  
4282137660

**Achromatomaly**  
4281612393

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280627383 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(37, 48, 183)` looks like.

```
.text, #text, p{  
    color:rgb(37, 48, 183)  
}
```

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(37, 48, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 48, 183) }
```

## Border

The CSS property to change the border of an element to Android 4280627383 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(37, 48, 183) }
```

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

```
.border{ border-color:rgb(37, 48, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 48, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 48, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 48, 183);  
box-shadow:4px 4px 4px 4px rgb(37, 48,  
183) }
```

# Background

The CSS property to change the background color of an element to Android 4280627383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 48, 183) }
```

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

```
.background{ background-color: rgb(37, 48,  
183) }
```

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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