

# Converting Colors

Android(4280901853)

Have a look what the booklet for  
Android(4280901853) contains.

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# Color

**Android(4280901853)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2960DD
RGB	41, 96, 221
RGB Percent	16%, 38%, 87%
CMY	0.8392, 0.6235, 0.1333
CMYK	0.81, 0.57, 0.00, 0.13
HSL	222°, 73%, 51%
HSV	222°, 81%, 87%
XYZ	18.1485, 14.0576, 70.1635
YIQ	93.8050, -72.9050, 27.2150

# Conversions

## Conversions Part 2

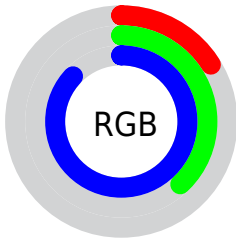
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	41, 83, 221
Decimal	2711773
CIE <sub>Lab</sub>	44.32, 27.94, -68.76
CIE <sub>LCh</sub>	44, 74.216, 292.114
Yxy	14.0576, 0.1773, 0.1373
Android (android.graphics.Color)	4280901853 (0xFF2960DD)
<b>YUV</b>	93.8050, 62.7071, -46.3100
Hunter-Lab	37.4935, 20.7881, -84.7070

# Details

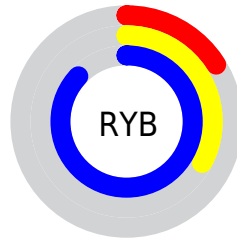
The Android color `4280901853` is a dark color, and the websafe version is hex `3366CC`. The color can be described as dark washed azure. A complement of this color would be `4292716073`, and the grayscale version is `4284308829`.

A 20% lighter version of the original color is `4285829887`, and `4278203301` is the 20% darker color. If you saturate the color by 10%, you get `4279456221`, and if you desaturate by 10%, it is `4282347485`.

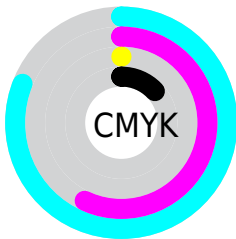
# Distribution



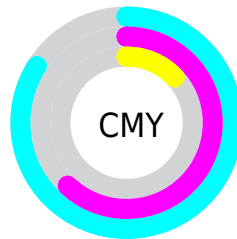
- Red (16%)
- Green (38%)
- Blue (87%)



- Red (16%)
- Yellow (33%)
- Blue (87%)



- Cyan (81%)
- Magenta (57%)
- Yellow (0%)
- Black (13%)



- Cyan (84%)
- Magenta (62%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280901853 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 4280901853 by changing the saturation by 10% instead.



 4280901853

 4280901853

4294967295

 4278208961

 4285829887

 4278203301

 4287933695

 4278198410

 4289972223

 4278193519

 4292011007

 4278192470

 4294049791

 4278191678

 4278190887

 4278190352

 4278190080

■ 4280901853

■ 4280901853

■ 4279456221

■ 4282347485

■ 4278207709

■ 4283793373

■ 4285239005

■ 4286684637

■ 4288196061

■ 4289641693

■ 4291087325

■ 4292533213

■ 4293978845

# Harmonies

## Analogous

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



4278220517



4280901853



4288691126

# Triad

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



4280901853



4290265600



4278223190

# Complementary

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



4280901853



4292716073

# 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.



4278222091



4280901853



4287521024

# Square

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



4280901853



4291825215



4283724544



4278223766

# Rectangle

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



4280901853



4290844816



4283724544



4278222912



# Sweetspot

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



4280901853



4290958591



4280933796



4284180096



4278190080



4286611584



# Same Dimension

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



4280901853



4278538751



4283050461



4284704366



4278203821



4278193710



# Inverse Universe

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



4292684128



4294903121



4290567465



4285424486



4289527861



4281204750



# Previews

## White Background



This preview shows how the Android color 4280901853 looks on a white background.

## Color Contrast Check

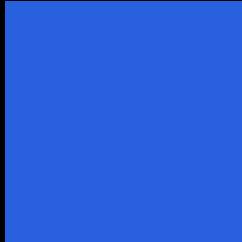
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280901853 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 4280901853 Background



This preview shows how black text looks on a background with the Android color 4280901853.



This preview shows how white text looks on a background with the Android color 4280901853.

# 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**

4280901853

**Protanopia**

4278215893

**Deuteranopia**

4278217655



# Trichromacy



**Original Color**  
4280901853

**Protanomaly**  
4279198680

**Deuteranomaly**  
4279199685

**Tritanomaly**  
4279201183

# Monochromacy



**Original Color**  
4280901853

**Achromatopsia**  
4284374622

**Achromatomaly**  
4283129740

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280901853 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(41, 96, 221)` looks like.

```
.text, #text, p{  
    color:rgb(41, 96, 221)  
}
```

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(41, 96, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 96, 221) }
```

## Border

The CSS property to change the border of an element to Android 4280901853 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(41, 96, 221) }
```

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

```
.border{ border-color:rgb(41, 96, 221) }
```

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

Here you see how a box with a 4 pixel rgb(41, 96, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 96, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 96, 221);  
box-shadow:4px 4px 4px 4px rgb(41, 96,  
221) }
```

# Background

The CSS property to change the background color of an element to Android 4280901853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 96, 221) }
```

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

```
.background{ background-color: rgb(41, 96,  
221) }
```

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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