

# Converting Colors

Android(4280374203)

Have a look what the booklet for  
Android(4280374203) contains.

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# Color

**Android(4280374203)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2153BB
RGB	33, 83, 187
RGB Percent	13%, 33%, 73%
CMY	0.8706, 0.6745, 0.2667
CMYK	0.82, 0.56, 0.00, 0.27
HSL	221°, 70%, 43%
HSV	221°, 82%, 73%
XYZ	12.6901, 10.0977, 48.2939
YIQ	79.9060, -63.1840, 21.7440

# Conversions

## Conversions Part 2

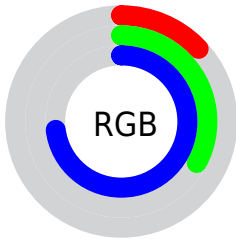
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	33, 71, 187
Decimal	2184123
CIE <sub>Lab</sub>	38.02, 22.72, -59.39
CIE <sub>LCh</sub>	38, 63.589, 290.933
Yxy	10.0977, 0.1785, 0.1421
Android (android.graphics.Color)	4280374203 (0xFF2153BB)
YUV	79.9060, 52.7973, -41.1366
Hunter-Lab	31.7769, 15.6744, -67.8640

# Details

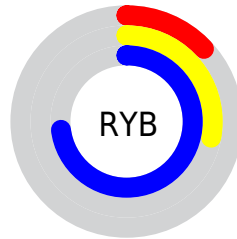
The Android color `4280374203` is a dark color, and the websafe version is hex `3366CC`. A complement of this color would be `4290480417`, and the grayscale version is `4283387727`.

A 20% lighter version of the original color is `4285105396`, and `4278200453` is the 20% darker color. If you saturate the color by 10%, you get `4279125691`, and if you desaturate by 10%, it is `4281622715`.

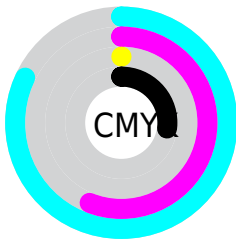
# Distribution



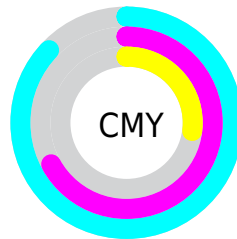
- Red (13%)
- Green (33%)
- Blue (73%)



- Red (13%)
- Yellow (28%)
- Blue (73%)



- Cyan (82%)
- Magenta (56%)
- Yellow (0%)
- Black (27%)



- Cyan (87%)
- Magenta (67%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280374203 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 4280374203 by changing the saturation by 10% instead.



 4280374203

 4280374203

4294967295

 4278205599

 4285105396

 4278200453

 4287078143

 4278195563

 4289051135

 4278190162

 4291024127

 4278191418

 4292997375

 4278190627

 4278190090

 4278190080

 4280374203

 4280374203

■ 4279125691

■ 4281622715

■ 4278205883

■ 4282805435

■ 4284053947

■ 4285302459

■ 4286550715

■ 4287733691

■ 4288981947

■ 4290230459

■ 4291413435

# Harmonies

## Analogous

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



4278216128



4280374203



4286985883

# Triad

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



4280374203



4288559104



4278218312

# Complementary

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



4280374203



4290480417

# 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.



4278217227



4280374203



4286272000

# Square

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



4280374203



4289729848



4283130368



4278218621

# Rectangle

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



4280374203



4288879996



4283130368



4278218037



# Sweetspot

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



4280374203



4290169330



4280400776



4283851386



4294638330



4286216826



# Same Dimension

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



4280374203



4278341874



4282065339



4283783262



4278203294



4278192671



# Inverse Universe

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



4290453843



4294050384



4288789281



4284372312



4288544819



4280221706



# Previews

## White Background



This preview shows how the Android color 4280374203 looks on a white background.

## Color Contrast Check

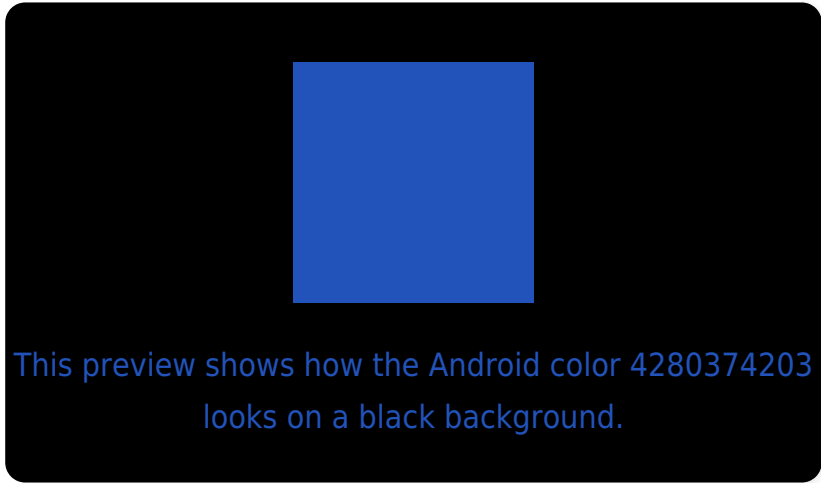
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280374203 Background



This preview shows how black text looks on a background with the Android color 4280374203.



This preview shows how white text looks on a background with the Android color 4280374203.

# 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**  
4280374203

**Protanopia**  
4278212278

**Deuteranopia**  
4278213533



# Trichromacy



**Original Color**  
4280374203

**Protanomaly**  
4278998456

**Deuteranomaly**  
4278999208

**Tritanomaly**  
4279000455

# Monochromacy



**Original Color**  
4280374203

**Achromatopsia**  
4283453520

**Achromatomaly**  
4282339703

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280374203 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(33, 83, 187)` looks like.

```
.text, #text, p{  
    color:rgb(33, 83, 187)  
}
```

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(33, 83, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 83, 187) }
```

## Border

The CSS property to change the border of an element to Android 4280374203 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(33, 83, 187) }
```

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

```
.border{ border-color:rgb(33, 83, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 83, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 83, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 83, 187);  
box-shadow:4px 4px 4px 4px rgb(33, 83,  
187) }
```

# Background

The CSS property to change the background color of an element to Android 4280374203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 83, 187) }
```

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

```
.background{ background-color: rgb(33, 83,  
187) }
```

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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