

Converting Colors

Android(4281431733)

Have a look what the booklet for
Android(4281431733) contains.

Android(4281431733)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4281431733)

Conversions

Conversions Part 1

Format	Color
Hex	3176B5
RGB	49, 118, 181
RGB Percent	19%, 46%, 71%
CMY	0.8078, 0.5373, 0.2902
CMYK	0.73, 0.35, 0.00, 0.29
HSL	209°, 57%, 45%
HSV	209°, 73%, 71%
XYZ	16.0855, 16.9460, 46.1392
YIQ	104.5510, -61.3470, 4.9650

Conversions

Conversions Part 2

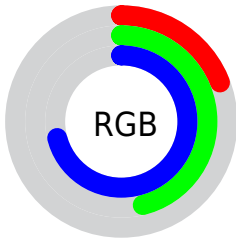
Format	Color
R_{YB}	49, 94, 181
Decimal	3241653
CIE _{Lab}	48.19, -0.12, -39.55
CIE _{LCh}	48, 39.546, 269.824
Yxy	16.9460, 0.2032, 0.2140
Android (android.graphics.Color)	4281431733 (0xFF3176B5)
YUV	104.5510, 37.6894, -48.7182
Hunter-Lab	41.1656, -2.2904, -37.6375

Details

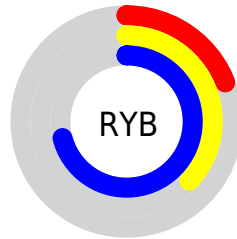
The Android color `4281431733` is a dark color, and the websafe version is hex `336699`. A complement of this color would be `4290080817`, and the grayscale version is `4285032552`.

A 20% lighter version of the original color is `4285573869`, and `4278208128` is the 20% darker color. If you saturate the color by 10%, you get `4280249781`, and if you desaturate by 10%, it is `4282613685`.

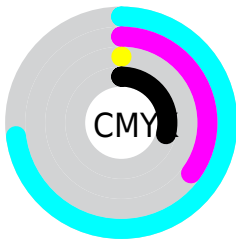
Distribution



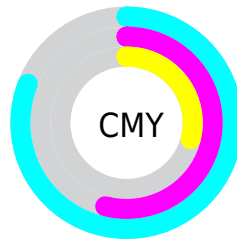
- Red (19%)
- Green (46%)
- Blue (71%)



- Red (19%)
- Yellow (37%)
- Blue (71%)



- Cyan (73%)
- Magenta (35%)
- Yellow (0%)
- Black (29%)



- Cyan (81%)
- Magenta (54%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281431733 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 4281431733 by changing the saturation by 10% instead.

■ 4281431733

■ 4281431733

4294967295

■ 4278214298

■ 4285573869

■ 4278208128

■ 4287481343

■ 4278202470

■ 4289389055

■ 4278197326

■ 4291296767

■ 4278191415

■ 4293263359

■ 4278190624

■ 4278190085

■ 4278190080

■ 4281431733

■ 4281431733

■ 4280249781

■ 4282613685

■ 4279068085

■ 4283795381

■ 4278214581

■ 4284977333

■ 4286159285

■ 4287406517

■ 4288588469

■ 4289770165

■ 4290952117

■ 4292134069

Harmonies

Analogous

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



4278222508



4281431733



4285819564

Triad

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



4281431733



4289681747



4281892943

Complementary

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



4281431733



4290080817

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.



4284774966



4281431733



4288701497

Square

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



4281431733



4289681012



4287000877



4278223729

Rectangle

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



4281431733



4287652254



4287000877



4283006790

Sweetspot

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



4281431733



4290237163



4281447791



4283918197



4294309365



4285887861

Same Dimension

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



4281431733



4280060139



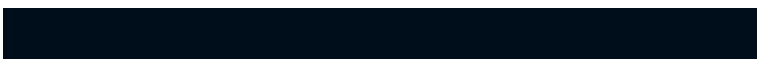
4281415093



4283454809



4278210713



4278193434

Inverse Universe

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



4290064758



4293598344



4290097457



4284043349



4288217168



4279894029

Previews

White Background



This preview shows how the Android color 4281431733 looks on a white background.

Color Contrast Check

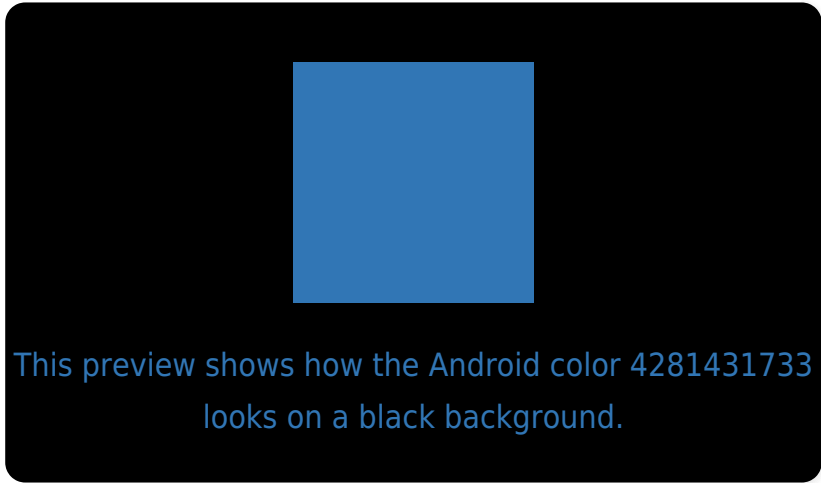
Large Text (above 18pt) WCAG AA ✓ Pass

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 4281431733 Background



This preview shows how black text looks on a background with the Android color 4281431733.



This preview shows how white text looks on a background with the Android color 4281431733.

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
4281431733

Protanomaly
4283200177

Deuteranomaly
4282545078

Tritanomaly
4279401369

Monochromacy



Original Color
4281431733

Achromatopsia
4285098345

Achromatomaly
4283788933

CSS Examples

Text

The CSS property to change the color of the text to Android 4281431733 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(49, 118, 181)` looks like.

```
.text, #text, p{  
    color:rgb(49, 118, 181)  
}
```

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(49, 118, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 118, 181) }
```

Border

The CSS property to change the border of an element to Android 4281431733 is called "border". The border property can be set on classes, ids or directly on the HTML element.

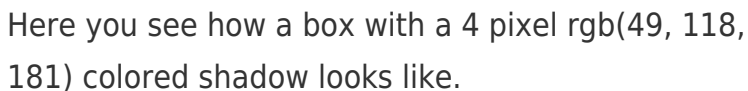
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(49, 118, 181) }
```

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

```
.border{ border-color:rgb(49, 118, 181) }
```

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



Here you see how a box with a 4 pixel `rgb(49, 118, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 118, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 118, 181);  
box-shadow:4px 4px 4px 4px rgb(49, 118,  
181) }
```

Background

The CSS property to change the background color of an element to Android 4281431733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 118, 181) }
```

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

```
.background{ background-color: rgb(49, 118,  
181) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor