

Converting Colors

Android(4284838315)

Have a look what the booklet for
Android(4284838315) contains.

Android(4284838315)	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(4284838315)

Conversions

Conversions Part 1

Format	Color
Hex	6571AB
RGB	101, 113, 171
RGB Percent	40%, 44%, 67%
CMY	0.6039, 0.5569, 0.3294
CMYK	0.41, 0.34, 0.00, 0.33
HSL	230°, 29%, 53%
HSV	230°, 41%, 67%
XYZ	18.6226, 17.5172, 40.9277
YIQ	116.0240, -25.7700, 15.4940

Conversions

Conversions Part 2

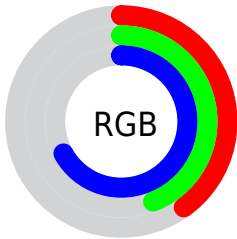
Format	Color
R_{YB}	101, 111, 171
Decimal	6648235
CIE _{Lab}	48.91, 10.64, -32.43
CIE _{LCh}	49, 34.134, 288.164
Yxy	17.5172, 0.2416, 0.2273
Android (android.graphics.Color)	4284838315 (0xFF6571AB)
YUV	116.0240, 27.1032, -13.1760
Hunter-Lab	41.8536, 6.1793, -28.6809

Details

The Android color `4284838315` is a dark color, and the websafe version is hex `666699`. A complement of this color would be `4289437541`, and the grayscale version is `4285822068`.

A 20% lighter version of the original color is `4288325091`, and `4281418102` is the 20% darker color. If you saturate the color by 10%, you get `4283720619`, and if you desaturate by 10%, it is `4285956011`.

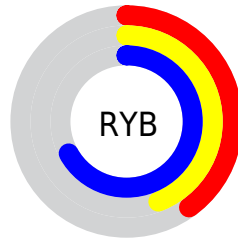
Distribution



Red (40%)

Green (44%)

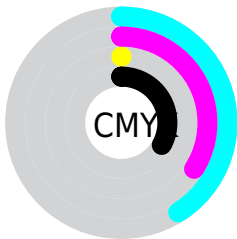
Blue (67%)



Red (40%)

Yellow (44%)

Blue (67%)

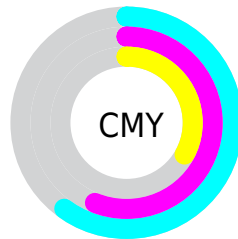


Cyan (41%)

Magenta (34%)

Yellow (0%)

Black (33%)



Cyan (60%)

Magenta (56%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284838315 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 4284838315 by changing the saturation by 10% instead.

■ 4284838315

4294967295

■ 4288325091

■ 4290167039

■ 4292008959

■ 4293916927

■ 4284838315

■ 4283720619

■ 4284838315

■ 4283128208

■ 4281418102

■ 4279512157

■ 4278196293

■ 4278190127

■ 4278190361

■ 4278190080

■ 4284838315

■ 4285956011

■ 4282602923

■ 4287073707

■ 4281484971

■ 4288191659

■ 4280367275

■ 4289309355

■ 4279249579

■ 4290427051

■ 4278197675

■ 4291610283

■ 4292727979

■ 4293845675

■ 4294963627

Harmonies

Analogous

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



4280908716



4284838315



4287456923

Triad

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



4284838315



4288963658



4280844903

Complementary

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



4284838315



4289437541

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.



4283727692



4284838315



4287655739

Square

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



4284838315



4289486180



4285888572



4278223749

Rectangle

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



4284838315



4288569482



4285888572



4281959006

Sweetspot

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



4284838315



4291021022



4284853150



4284506992



4293980400



4285558896

Same Dimension

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



4284838315



4285629662



4286277035



4283322455



4278196886



4278191127

Inverse Universe

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



4289422705



4292768132



4287998821



4283911760



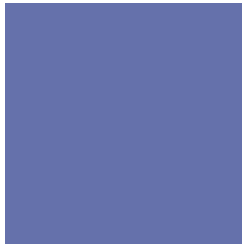
4288020506



4279697412

Previews

White Background



This preview shows how the Android color 4284838315 looks on a white background.

Color Contrast Check

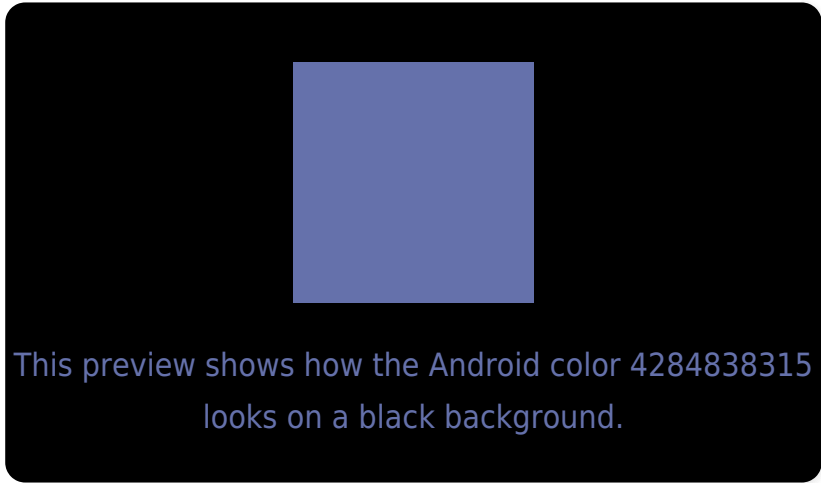
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Android 4284838315 Background



This preview shows how black text looks on a background with the Android color 4284838315.

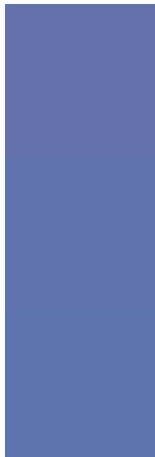


This preview shows how white text looks on a background with the Android color 4284838315.

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

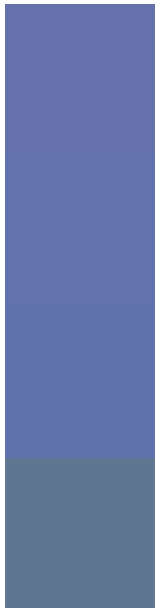


Original Color
4284838315

Protanopia
4284510892

Deuteranopia
4284314539

Trichromacy



Original Color
4284838315

Protanomaly
4284641964

Deuteranomaly
4284510891

Tritanomaly
4284446354

Monochromacy



Original Color
4284838315

Achromatopsia
4285822068

Achromatomaly
4285494152

CSS Examples

Text

The CSS property to change the color of the text to Android 4284838315 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(101, 113, 171)` looks like.

```
.text, #text, p{  
    color:rgb(101, 113, 171)  
}
```

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(101, 113, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 113, 171) }
```

Border

The CSS property to change the border of an element to Android 4284838315 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(101, 113, 171) }
```

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

```
.border{ border-color:rgb(101, 113, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 113, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 113, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 113, 171);  
box-shadow:4px 4px 4px 4px rgb(101, 113,  
171) }
```

Background

The CSS property to change the background color of an element to Android 4284838315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 113, 171) }
```

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

```
.background{ background-color: rgb(101,  
113, 171) }
```

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