

Converting Colors

Android(4281417171)

Have a look what the booklet for
Android(4281417171) contains.

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Color

Android(4281417171)

Conversions

Conversions Part 1

Format	Color
Hex	313DD3
RGB	49, 61, 211
RGB Percent	19%, 24%, 83%
CMY	0.8078, 0.7608, 0.1725
CMYK	0.77, 0.71, 0.00, 0.17
HSL	236°, 65%, 51%
HSV	236°, 77%, 83%
XYZ	14.6932, 8.6936, 62.5316
YIQ	74.5120, -55.3020, 44.1060

Conversions

Conversions Part 2

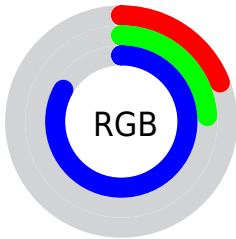
Format	Color
RYB	49, 60, 211
Decimal	3227091
CIELab	35.39, 46.85, -77.64
CIELCh	35, 90.683, 301.106
Yxy	8.6936, 0.1710, 0.1012
Android (android.graphics.Color)	4281417171 (0xFF313DD3)
YUV	74.5120, 67.2886, -22.3740
Hunter-Lab	29.4849, 37.3534, -105.1028

Details

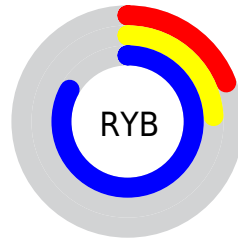
The Android color `4281417171` is a dark color, and the websafe version is hex `3333CC`. The color can be described as dark muted blue. A complement of this color would be `4292069169`, and the grayscale version is `4283058762`.

A 20% lighter version of the original color is `4286148351`, and `4278194587` is the 20% darker color. If you saturate the color by 10%, you get `4280035795`, and if you desaturate by 10%, it is `4282798547`.

Distribution



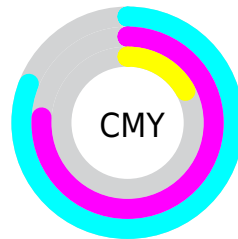
- Red (19%)
- Green (24%)
- Blue (83%)



- Red (19%)
- Yellow (24%)
- Blue (83%)



- Cyan (77%)
- Magenta (71%)
- Yellow (0%)
- Black (17%)



- Cyan (81%)
- Magenta (76%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281417171 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 4281417171 by changing the saturation by 10% instead.

 4281417171

 4281417171

4294967295

 4278199991

 4286148351

 4278194587

 4288186367

 4278190208

 4290224895

 4278190182

 4292263423

 4278192717

 4294302207

 4278191413

 4294964991

 4278190623

 4278190082

 4278190080

■ 4281417171

■ 4281417171

■ 4280035795

■ 4282798547

■ 4278654675

■ 4284179667

■ 4278194387

■ 4285561043

■ 4286942163

■ 4288389075

■ 4289770195

■ 4291151571

■ 4292532691

■ 4293914067

Harmonies

Analogous

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



4278214633



4281417171



4289069211

Triad

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



4281417171



4288359424



4278217812

Complementary

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



4281417171



4292069169

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.



4278216960



4281417171



4284764672

Square

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



4281417171



4290707469



4278215424



4278218398

Rectangle

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



4281417171



4290838636



4278215424



4278217786

Sweetspot

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



4281417171



4291086847



4281455557



4284243584



4278190080



4286611584

Same Dimension

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



4281417171



4279510783



4285870547



4284374889



4278193320



4278190889

Inverse Universe

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



4292030781



4294906918



4287681329



4285095519



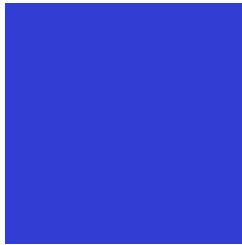
4289200140



4280877059

Previews

White Background



This preview shows how the Android color 4281417171 looks on a white background.

Color Contrast Check

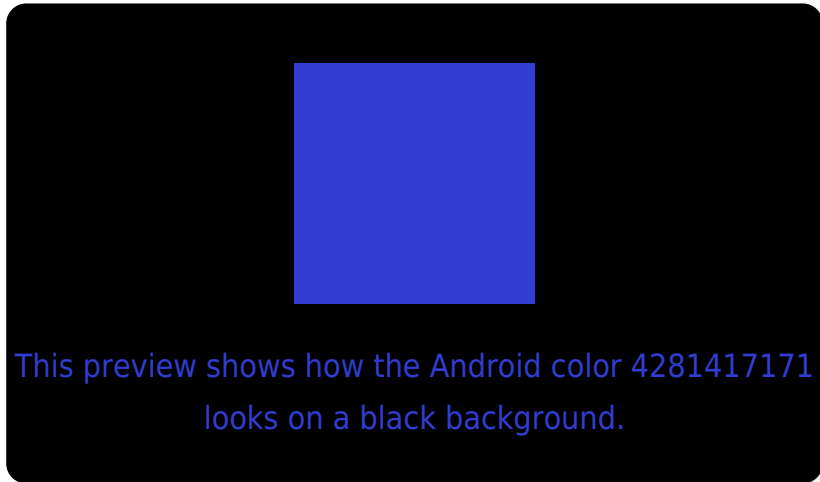
Large Text (above 18pt) WCAG AA ✓ Pass

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 4281417171 Background



This preview shows how black text looks on a background with the Android color 4281417171.



This preview shows how white text looks on a background with the Android color 4281417171.

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

4281417171

Protanopia

4278210728

Deuteranopia

4278211983

Trichromacy



Original Color
4281417171

Protanomaly
4279388600

Deuteranomaly
4279389352

Tritanomaly
4279390602

Monochromacy



Original Color
4281417171

Achromatopsia
4283124555

Achromatomaly
4282533500

CSS Examples

Text

The CSS property to change the color of the text to Android 4281417171 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, 61, 211)` looks like.

```
.text, #text, p{  
    color:rgb(49, 61, 211)  
}
```

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, 61, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 61, 211) }
```

Border

The CSS property to change the border of an element to Android 4281417171 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, 61, 211) }
```

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

```
.border{ border-color:rgb(49, 61, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 61, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 61, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 61, 211);  
box-shadow:4px 4px 4px 4px rgb(49, 61,  
211) }
```

Background

The CSS property to change the background color of an element to Android 4281417171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 61, 211) }
```

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

```
.background{ background-color: rgb(49, 61,  
211) }
```

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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