

Converting Colors

Android(4281433559)

Have a look what the booklet for
Android(4281433559) contains.

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Color

Android(4281433559)

Conversions

Conversions Part 1

Format	Color
Hex	317DD7
RGB	49, 125, 215
RGB Percent	19%, 49%, 84%
CMY	0.8078, 0.5098, 0.1569
CMYK	0.77, 0.42, 0.00, 0.16
HSL	213°, 67%, 52%
HSV	213°, 77%, 84%
XYZ	20.8660, 20.2265, 67.0943
YIQ	112.5360, -74.1860, 11.8780

Conversions

Conversions Part 2

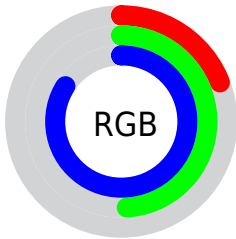
Format	Color
R_{YB}	49, 101, 215
Decimal	3243479
CIE _{Lab}	52.09, 8.13, -52.79
CIE _{LCh}	52, 53.413, 278.750
Yxy	20.2265, 0.1929, 0.1870
Android (android.graphics.Color)	4281433559 (0xFF317DD7)
YUV	112.5360, 50.5148, -55.7211
Hunter-Lab	44.9739, 4.1122, -56.9701

Details

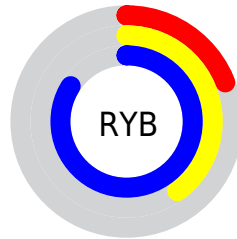
The Android color `4281433559` is a dark color, and the websafe version is hex `3399FF`. The color can be described as dark muted azure. A complement of this color would be `4292315953`, and the grayscale version is `4285558896`.

A 20% lighter version of the original color is `4285968895`, and `4278209952` is the 20% darker color. If you saturate the color by 10%, you get `4280054231`, and if you desaturate by 10%, it is `4282878423`.

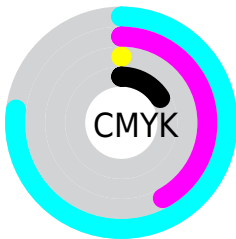
Distribution



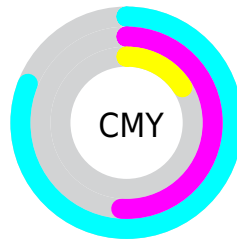
- Red (19%)
- Green (49%)
- Blue (84%)



- Red (19%)
- Yellow (40%)
- Blue (84%)



- Cyan (77%)
- Magenta (42%)
- Yellow (0%)
- Black (16%)



- Cyan (81%)
- Magenta (51%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281433559 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 4281433559 by changing the saturation by 10% instead.

 4281433559

 4281433559

4294967295

 4278215867

 4285968895

 4278209952

 4288007423

 4278204293

 4289980671

 4278199147

 4292018175

 4278193234

 4293984255

 4278191674

 4278190628

 4278190091

 4278190080

■ 4281433559

■ 4281433559

■ 4280054231

■ 4282878423

■ 4278609623

■ 4284257495

■ 4278215383

■ 4285702359

■ 4287081687

■ 4288526295

■ 4289905623

■ 4291350487

■ 4292729559

■ 4294174423

Harmonies

Analogous

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



4278225617



4281433559



4287654596

Triad

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



4281433559



4291320645



4278227033

Complementary

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



4281433559



4292315953

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.



4283861551



4281433559



4289621538

Square

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



4281433559



4291776625



4287069717



4278227593

Rectangle

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



4281433559



4289879468



4287069717



4280389194

Sweetspot

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



4281433559



4291092479



4281456522



4284247168



4278190080



4286611584

Same Dimension

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



4281433559



4279402239



4281807319



4284507499



4278210219



4278195243

Inverse Universe

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



4292292989



4294906494



4291942193



4285227109



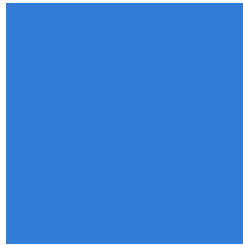
4289396814



4281008148

Previews

White Background



This preview shows how the Android color 4281433559 looks on a white background.

Color Contrast Check

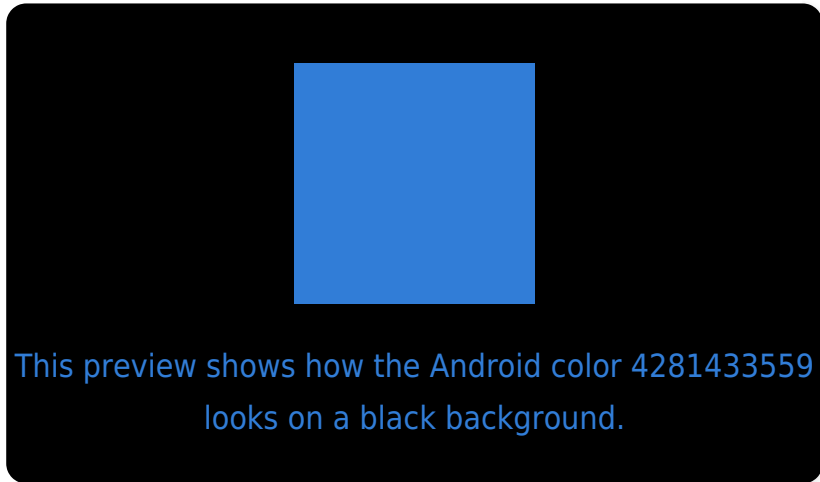
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

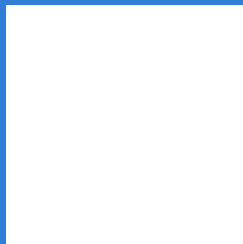
Any Text WCAG AAA × Fail

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

Android 4281433559 Background



This preview shows how black text looks on a background with the Android color 4281433559.



This preview shows how white text looks on a background with the Android color 4281433559.

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

4281433559

Protanopia

4283726035

Deuteranopia

4281433559



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Android 4281433559 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, 125, 215)` looks like.

```
.text, #text, p{  
    color:rgb(49, 125, 215)  
}
```

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, 125, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 125, 215) }
```

Border

The CSS property to change the border of an element to Android 4281433559 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, 125, 215) }
```

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

```
.border{ border-color:rgb(49, 125, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 125, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 125, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 125, 215);  
box-shadow:4px 4px 4px 4px rgb(49, 125,  
215) }
```

Background

The CSS property to change the background color of an element to Android 4281433559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 125, 215) }
```

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

```
.background{ background-color: rgb(49, 125,  
215) }
```

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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