

Converting Colors

Android(4281435819)

Have a look what the booklet for
Android(4281435819) contains.

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Color

Android(4281435819)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 3186AB |
| RGB | 49, 134, 171 |
| RGB Percent | 19%, 53%, 67% |
| CMY | 0.8078, 0.4745, 0.3294 |
| CMYK | 0.71, 0.22, 0.00, 0.33 |
| HSL | 198°, 55%, 43% |
| HSV | 198°, 71%, 67% |
| XYZ | 17.1424, 20.6434, 41.6092 |
| YIQ | 112.8030, -62.5370, -6.5130 |

Conversions

Conversions Part 2

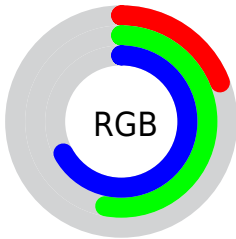
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 49, 99, 171 |
| Decimal | 3245739 |
| CIE Lab | 52.56, -13.01, -26.93 |
| CIE LCh | 53, 29.910, 244.223 |
| Yxy | 20.6434, 0.2159, 0.2600 |
| Android (android.graphics.Color) | 4281435819 (0xFF3186AB) |
| YUV | 112.8030, 28.6911, -55.9552 |
| Hunter-Lab | 45.4350, -12.1642, -22.4929 |

Details

The Android color `4281435819` is a dark color, and the websafe version is hex `3399CC`. A complement of this color would be `4289418801`, and the grayscale version is `4285624689`.

A 20% lighter version of the original color is `4285512674`, and `4278211703` is the 20% darker color. If you saturate the color by 10%, you get `4280320427`, and if you desaturate by 10%, it is `4282551211`.

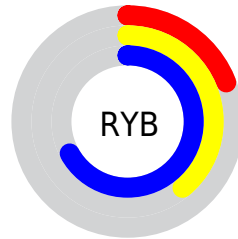
Distribution



Red (19%)

Green (53%)

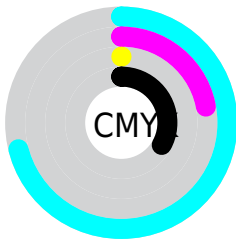
Blue (67%)



Red (19%)

Yellow (39%)

Blue (67%)

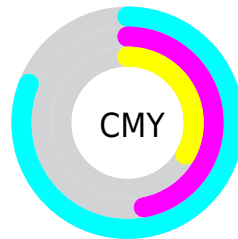


Cyan (71%)

Magenta (22%)

Yellow (0%)

Black (33%)



Cyan (81%)

Magenta (47%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281435819 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 4281435819 by changing the saturation by 10% instead.



4281435819



4281435819

4294967295



4278218128



4285512674



4278211703



4287420415



4278205790



4289262591



4278200134



4291231743



4278194991



4293132287



4278190362



4278190080



4281435819



4281435819



4280320427



4282551211

■ 4279205035

■ 4283666603

■ 4278220715

■ 4284782251

■ 4285897643

■ 4287013035

■ 4288193963

■ 4289309355

■ 4290424747

■ 4291540395

Harmonies

Analogous

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



4279208601



4281435819



4284383152

Triad

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



4281435819



4289620347



4285563986

Complementary

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



4281435819



4289418801

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.



4287331658



4281435819



4289621090

Square

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



4281435819



4288769428



4288771152



4283468134

Rectangle

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



4281435819



4286151084



4288771152



4286153294

Sweetspot

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



4281435819



4289712350



4281445206



4283721840



4293980400



4285558896

Same Dimension

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



4281435819



4280263902



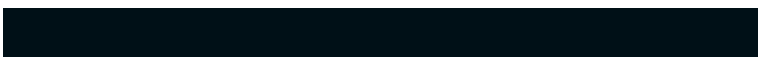
4281420203



4283323479



4278217110



4278194199

Inverse Universe

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



4289409414



4292747172



4289434417



4283911764



4288020585



4279697424

Previews

White Background



This preview shows how the Android color 4281435819 looks on a white background.

Color Contrast Check

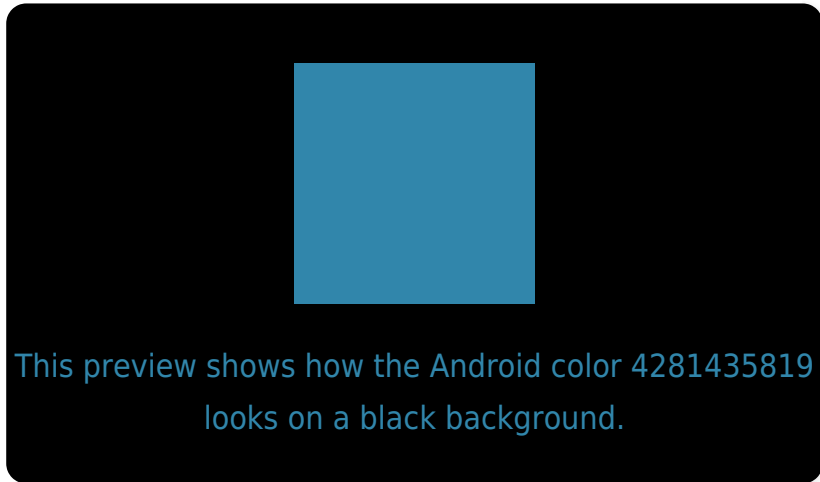
Large Text (above 18pt) WCAG AA ✓ Pass

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

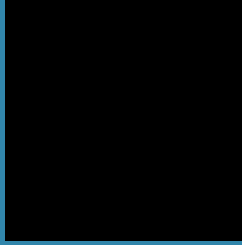
Any Text WCAG AA ✓ Pass

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 4281435819 Background



This preview shows how black text looks on a background with the Android color 4281435819.



This preview shows how white text looks on a background with the Android color 4281435819.

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
4281435819

Protanomaly
4284120998

Deuteranomaly
4283924396

Tritanomaly
4280781213

Monochromacy



Original Color
4281435819

Achromatopsia
4285624689

Achromatomaly
4284119430

CSS Examples

Text

The CSS property to change the color of the text to Android 4281435819 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, 134, 171)` looks like.

```
.text, #text, p{  
    color:rgb(49, 134, 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(49, 134, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 134, 171) }
```

Border

The CSS property to change the border of an element to Android 4281435819 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, 134, 171) }
```

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

```
.border{ border-color:rgb(49, 134, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 134, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 134, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 134, 171);  
box-shadow:4px 4px 4px 4px rgb(49, 134,  
171) }
```

Background

The CSS property to change the background color of an element to Android 4281435819 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 134, 171) }
```

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

```
.background{ background-color: rgb(49, 134,  
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](#).

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