

Converting Colors

Android(4281369848)

Have a look what the booklet for
Android(4281369848) contains.

| | |
|--|----|
| Android(4281369848) | 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(4281369848)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 3084F8 |
| RGB | 48, 132, 248 |
| RGB Percent | 19%, 52%, 97% |
| CMY | 0.8118, 0.4824, 0.0275 |
| CMYK | 0.81, 0.47, 0.00, 0.03 |
| HSL | 215°, 93%, 58% |
| HSV | 215°, 81%, 97% |
| XYZ | 26.4135, 23.9082, 92.0295 |
| YIQ | 120.1080, -87.3000, 18.2680 |

Conversions

Conversions Part 2

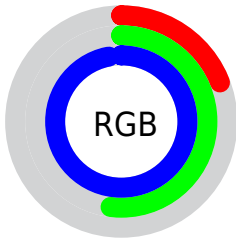
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 48, 107, 248 |
| Decimal | 3179768 |
| CIE Lab | 56.00, 15.96, -64.97 |
| CIE LCh | 56, 66.898, 283.802 |
| Yxy | 23.9082, 0.1856, 0.1680 |
| Android (android.graphics.Color) | 4281369848 (0xFF3084F8) |
| YUV | 120.1080, 63.0508, -63.2387 |
| Hunter-Lab | 48.8960, 10.8570, -77.3653 |

Details

The Android color `4281369848` is a dark color, and the websafe version is hex `6699FF`. The color can be described as middle washed azure. A complement of this color would be `4294485040`, and the grayscale version is `4286085240`.

A 20% lighter version of the original color is `4286429439`, and `4278211775` is the 20% darker color. If you saturate the color by 10%, you get `4279727864`, and if you desaturate by 10%, it is `4283011832`.

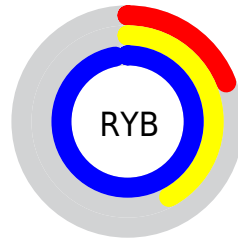
Distribution



Red (19%)

Green (52%)

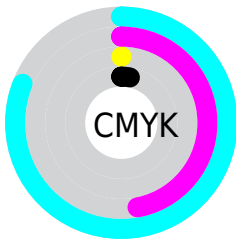
Blue (97%)



Red (19%)

Yellow (42%)

Blue (97%)

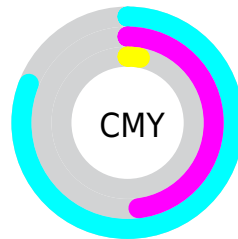


Cyan (81%)

Magenta (47%)

Yellow (0%)

Black (3%)



Cyan (81%)


Magenta (48%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281369848 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 4281369848 by changing the saturation by 10% instead.

 4281369848

 4281369848

4294967295

 4278217691

 4286429439

 4278211775

 4288533759

 4278205859

 4290638079

 4278200712

 4292673535

 4278196078

 4294705151

 4278193237

 4278191677

 4278190630

 4278190351

■ 4281369848

■ 4281369848

■ 4279727864

■ 4283011832

■ 4278216952

■ 4284654072

■ 4286230520

■ 4287872760

■ 4289514744

■ 4291156728

■ 4292798968

■ 4294375416

■ 4294967288

Harmonies

Analogous

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



4278228726



4281369848



4289358555

Triad

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



4281369848



4292828727



4278230884

Complementary

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



4281369848



4294485040

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.



4282619945



4281369848



4290476032

Square

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



4281369848



4293740910



4287138816



4278231456

Rectangle

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



4281369848



4291909563



4287138816



4278230352

Sweetspot

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



4281369848



4290960639



4281399457



4284181120



4278190080



4286611584

Same Dimension

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



4281369848



4278743295



4282200312



4285560445



4278210493



4278196797

Inverse Universe

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



4294455428



4294903920



4293654576



4286410870



4290576463



4282187802

Previews

White Background



This preview shows how the Android color 4281369848 looks on a white background.

Color Contrast Check

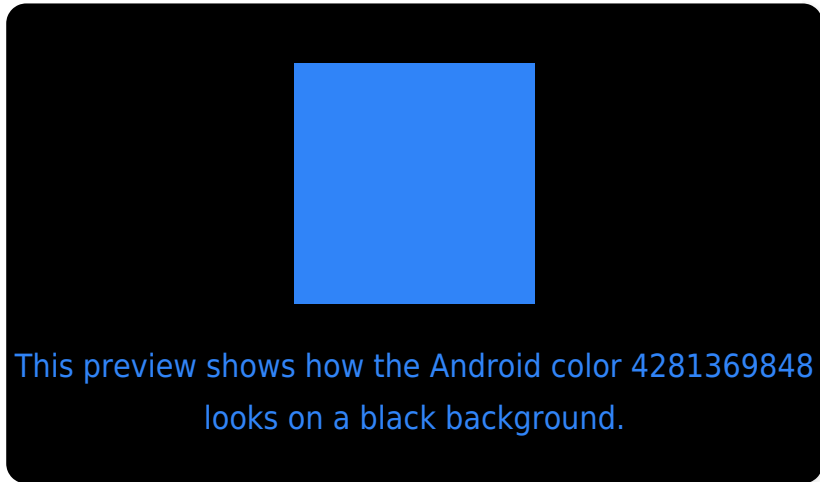
Large Text (above 18pt) WCAG AA ✓ Pass

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

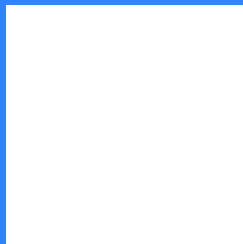
Any Text WCAG AAA × Fail

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

Android 4281369848 Background



This preview shows how black text looks on a background with the Android color 4281369848.

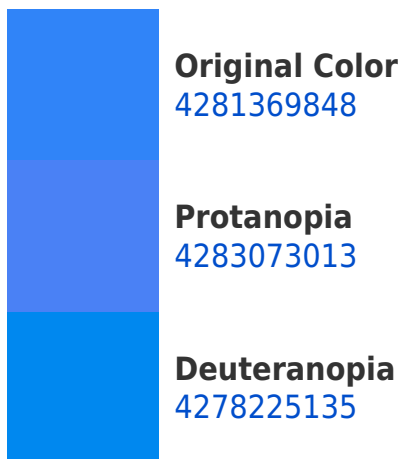


This preview shows how white text looks on a background with the Android color 4281369848.

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
4281369848

Protanomaly
4282483446

Deuteranomaly
4279338994

Tritanomaly
4279340735

Monochromacy



Original Color
4281369848

Achromatopsia
4286085240

Achromatomaly
4284382375

CSS Examples

Text

The CSS property to change the color of the text to Android 4281369848 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(48, 132, 248)` looks like.

```
.text, #text, p{  
    color:rgb(48, 132, 248)  
}
```

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(48, 132, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 132, 248) }
```

Border

The CSS property to change the border of an element to Android 4281369848 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(48, 132, 248) }
```

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

```
.border{ border-color:rgb(48, 132, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 132, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 132, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 132, 248);  
box-shadow:4px 4px 4px 4px rgb(48, 132,  
248) }
```

Background

The CSS property to change the background color of an element to Android 4281369848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 132, 248) }
```

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

```
.background{ background-color: rgb(48, 132,  
248) }
```

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