

Converting Colors

Android(4288062436)

Have a look what the booklet for
Android(4288062436) contains.

Android(4288062436)	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(4288062436)

Conversions

Conversions Part 1

Format	Color
Hex	96A3E4
RGB	150, 163, 228
RGB Percent	59%, 64%, 89%
CMY	0.4118, 0.3608, 0.1059
CMYK	0.34, 0.29, 0.00, 0.11
HSL	230°, 59%, 74%
HSV	230°, 34%, 89%
XYZ	39.6785, 38.2799, 78.6963
YIQ	166.5230, -28.6130, 17.4590

Conversions

Conversions Part 2

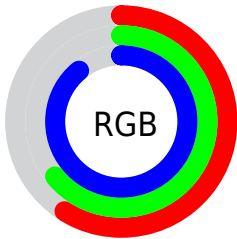
Format	Color
RYB	150, 161, 228
Decimal	9872356
CIELab	68.23, 10.64, -34.27
CIELCh	68, 35.882, 287.254
Yxy	38.2799, 0.2533, 0.2444
Android (android.graphics.Color)	4288062436 (0xFF96A3E4)
YUV	166.5230, 30.3082, -14.4907
Hunter-Lab	61.8707, 6.2005, -32.1042

Details

The Android color `4288062436` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `4293187478`, and the grayscale version is `4289111718`.

A 20% lighter version of the original color is `4291746559`, and `4284510380` is the 20% darker color. If you saturate the color by 10%, you get `4286550244`, and if you desaturate by 10%, it is `4289574628`.

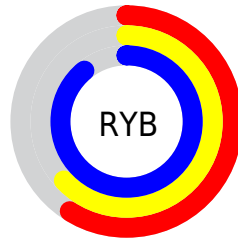
Distribution



Red (59%)

Green (64%)

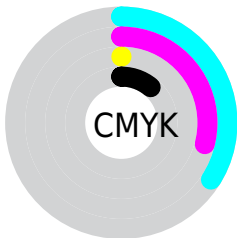
Blue (89%)



Red (59%)

Yellow (63%)

Blue (89%)

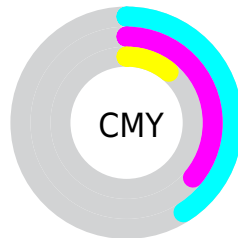


Cyan (34%)

Magenta (29%)

Yellow (0%)

Black (11%)



Cyan (41%)

Magenta (36%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Android color 4288062436 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 4288062436 by changing the saturation by 10% instead.

 4288062436

 4288062436

4294967295

 4286286280

 4291746559

 4284510380

 4293654271

 4282800018

 4281024632

 4278856287

 4278196038

 4278190384

 4278190362

 4278190080

■ 4288062436

■ 4288062436

■ 4286550244

■ 4289574628

■ 4285038052

■ 4291086820

■ 4283591396

■ 4292533476

■ 4282079204

■ 4294045668

■ 4280567012

■ 4294967268

■ 4279054820

■ 4278200036

Harmonies

Analogous

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



4284526309



4288062436



4290877395

Triad

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



4288062436



4292777336



4284200855

Complementary

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



4288062436



4293187478

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.



4286886521



4288062436



4291338343

Square

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



4288062436



4293299861



4289309287



4281448632

Rectangle

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



4288062436



4292252096



4289309287



4285183628

Sweetspot

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



4288062436



4293323519



4288079063



4285559680



4278190080



4286611584

Same Dimension

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



4288062436



4288063743



4289763044



4284967283



4278197939



4278192435

Inverse Universe

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



4293170851



4294940328



4291486870



4285753193



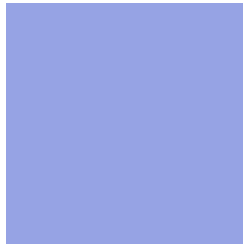
4289921054



4281532425

Previews

White Background



This preview shows how the Android color 4288062436 looks on a white background.

Color Contrast Check

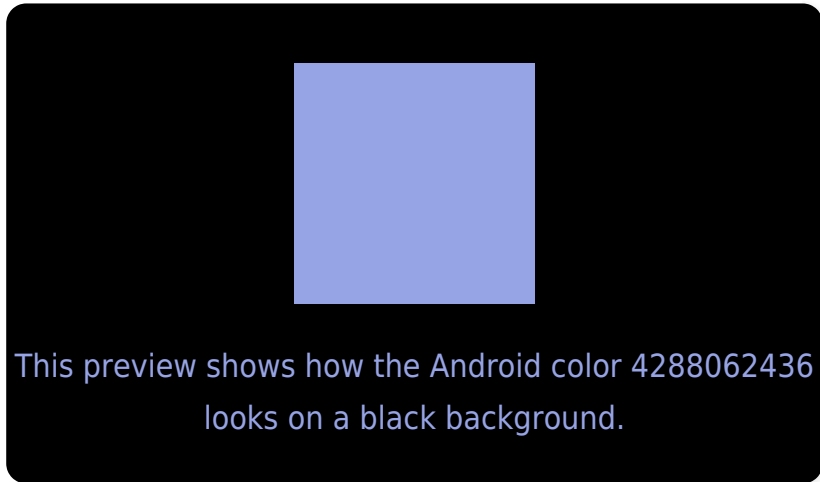
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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 ✓ Pass

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

Android 4288062436 Background



This preview shows how black text looks on a background with the Android color 4288062436.



This preview shows how white text looks on a background with the Android color 4288062436.

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
4288062436

Protanopia
4287866085

Deuteranopia
4287866084

Trichromacy



Original Color

4288062436

Protanomaly

4287931621

Deuteranomaly

4287931620

Tritanomaly

4287670473

Monochromacy



Original Color

4288062436

Achromatopsia

4289177511

Achromatomaly

4288784061

CSS Examples

Text

The CSS property to change the color of the text to Android 4288062436 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(150, 163, 228)` looks like.

```
.text, #text, p{  
    color:rgb(150, 163, 228)  
}
```

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(150, 163, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 163, 228) }
```

Border

The CSS property to change the border of an element to Android 4288062436 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(150, 163, 228) }
```

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

```
.border{ border-color:rgb(150, 163, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 163, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 163, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 163, 228);  
box-shadow:4px 4px 4px 4px rgb(150, 163,  
228) }
```

Background

The CSS property to change the background color of an element to Android 4288062436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 163, 228) }
```

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

```
.background{ background-color: rgb(150,  
163, 228) }
```

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