

Converting Colors

Android(4287209200)

Have a look what the booklet for
Android(4287209200) contains.

Android(4287209200)	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(4287209200)

Conversions

Conversions Part 1

Format	Color
Hex	899EF0
RGB	137, 158, 240
RGB Percent	54%, 62%, 94%
CMY	0.4627, 0.3804, 0.0588
CMYK	0.43, 0.34, 0.00, 0.06
HSL	228°, 77%, 74%
HSV	228°, 43%, 94%
XYZ	38.2716, 36.0634, 87.3819
YIQ	161.0690, -38.8380, 21.0500

Conversions

Conversions Part 2

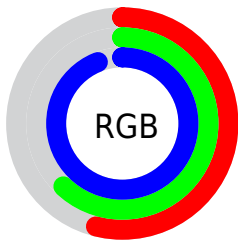
Format	Color
R_{YB}	137, 154, 240
Decimal	9019120
CIE _{Lab}	66.57, 13.32, -43.50
CIE _{LCh}	67, 45.494, 287.025
Yxy	36.0634, 0.2367, 0.2230
Android (android.graphics.Color)	4287209200 (0xFF899EF0)
YUV	161.0690, 38.9130, -21.1085
Hunter-Lab	60.0528, 8.6655, -44.2350

Details

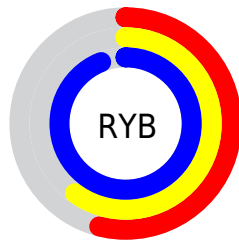
The Android color `4287209200` is a light color, and the websafe version is hex `6699FF`. A complement of this color would be `4293974921`, and the grayscale version is `4288782753`.

A 20% lighter version of the original color is `4290958591`, and `4283526072` is the 20% darker color. If you saturate the color by 10%, you get `4285631472`, and if you desaturate by 10%, it is `4288786928`.

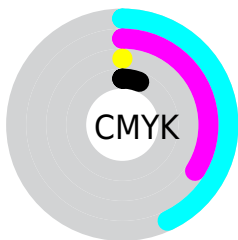
Distribution



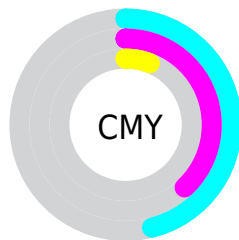
- Red (54%)
- Green (62%)
- Blue (94%)



- Red (54%)
- Yellow (60%)
- Blue (94%)



- Cyan (43%)
- Magenta (34%)
- Yellow (0%)
- Black (6%)



- Cyan (46%)
- Magenta (38%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Android color 4287209200 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 4287209200 by changing the saturation by 10% instead.

 4287209200

 4287209200

4294967295

 4285367507

 4290958591

 4283526072

 4292866559

 4281553820

4294836223

 4278926466

 4278200168

 4278195280

 4278191416

 4278190626

 4278190088

■ 4287209200

■ 4287209200

■ 4285631472

■ 4288786928

■ 4284053744

■ 4290364656

■ 4282476016

■ 4291942384

■ 4280898288

■ 4293520112

■ 4279320304

■ 4294967024

■ 4278202864

■ 4294967280

Harmonies

Analogous

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



4280921073



4287209200



4291006170

Triad

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



4287209200



4293233512



4281644686

Complementary

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



4287209200



4293974921

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.



4285903208



4287209200



4291467601

Square

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



4287209200



4293951884



4288980817



4278237112

Rectangle

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



4287209200



4292642243



4288980817



4283413889

Sweetspot

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



4287209200



4292797951



4287230170



4285230976



4278190080



4286611584

Same Dimension

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



4287209200



4286223871



4289104368



4285296248



4278199736



4278192952

Inverse Universe

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



4293953950



4294933141



4292079753



4286082158



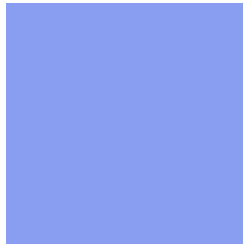
4290248741



4281860107

Previews

White Background



This preview shows how the Android color 4287209200 looks on a white background.

Color Contrast Check

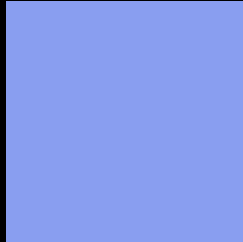
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Android color 4287209200 looks on a 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 4287209200 Background



This preview shows how black text looks on a background with the Android color 4287209200.



This preview shows how white text looks on a background with the Android color 4287209200.

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
4287209200

Protanopia
4287012849

Deuteranopia
4286554607

Trichromacy



Original Color

4287209200

Protanomaly

4287078385

Deuteranomaly

4286816495

Tritanomaly

4286555596

Monochromacy



Original Color

4287209200

Achromatopsia

4288782753

Achromatomaly

4288192702

CSS Examples

Text

The CSS property to change the color of the text to Android 4287209200 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(137, 158, 240)` looks like.

```
.text, #text, p{  
    color:rgb(137, 158, 240)  
}
```

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(137, 158, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 158, 240) }
```

Border

The CSS property to change the border of an element to Android 4287209200 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(137, 158, 240) }
```

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

```
.border{ border-color:rgb(137, 158, 240) }
```

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

Here you see how a box with a 4 pixel rgb(137, 158, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 158, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 158, 240);  
box-shadow:4px 4px 4px 4px rgb(137, 158,  
240) }
```

Background

The CSS property to change the background color of an element to Android 4287209200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 158, 240) }
```

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

```
.background{ background-color: rgb(137,  
158, 240) }
```

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