

Converting Colors

Android(4287668696)

Have a look what the booklet for
Android(4287668696) contains.

Android(4287668696)	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(4287668696)

Conversions

Conversions Part 1

Format	Color
Hex	90A1D8
RGB	144, 161, 216
RGB Percent	56%, 63%, 85%
CMY	0.4353, 0.3686, 0.1529
CMYK	0.33, 0.25, 0.00, 0.15
HSL	226°, 48%, 71%
HSV	226°, 33%, 85%
XYZ	36.6411, 36.3769, 70.0560
YIQ	162.1870, -27.7870, 13.5010

Conversions

Conversions Part 2

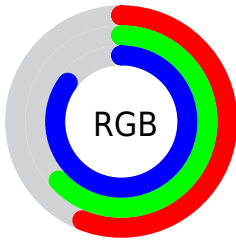
Format	Color
RYB	144, 158, 216
Decimal	9478616
CIELab	66.81, 6.97, -29.89
CIELCh	67, 30.692, 283.130
Yxy	36.3769, 0.2561, 0.2543
Android (android.graphics.Color)	4287668696 (0xFF90A1D8)
YUV	162.1870, 26.5298, -15.9500
Hunter-Lab	60.3133, 2.8930, -26.6482

Details

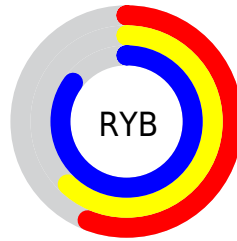
The Android color `4287668696` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `4292396944`, and the grayscale version is `4288848546`.

A 20% lighter version of the original color is `4291287295`, and `4284182177` is the 20% darker color. If you saturate the color by 10%, you get `4286222552`, and if you desaturate by 10%, it is `4289114840`.

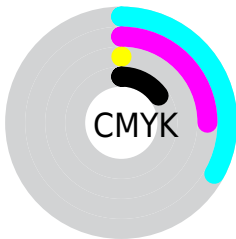
Distribution



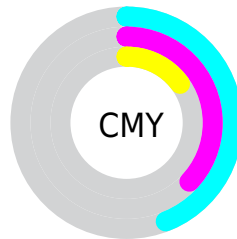
- Red (56%)
- Green (63%)
- Blue (85%)



- Red (56%)
- Yellow (62%)
- Blue (85%)



- Cyan (33%)
- Magenta (25%)
- Yellow (0%)
- Black (15%)



- Cyan (44%)
- Magenta (37%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Android color 4287668696 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 4287668696 by changing the saturation by 10% instead.



4287668696



4287668696

4294967295



4285892540



4291287295



4284182177



4293195007



4282471815



4280761965



4278593876



4278195517



4278190887



4278190352



4278190080

■ 4287668696

■ 4287668696

■ 4286222552

■ 4289114840

■ 4284842200

■ 4290495192

■ 4283396056

■ 4291941336

■ 4282015704

■ 4293321688

■ 4280569560

■ 4294767832

■ 4279123672

■ 4294967256

■ 4278203352

Harmonies

Analogous

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



4284918487



4287668696



4290090955

Triad

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



4287668696



4292187006



4285182354

Complementary

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



4287668696



4292396944

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.



4287343737



4287668696



4291009390

Square

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



4287668696



4292447895



4289308012



4283282094

Rectangle

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



4287668696



4291334844



4289308012



4285902729

Sweetspot

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



4287668696



4293324031



4287682758



4285559936



4278190080



4286611584

Same Dimension

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



4287668696



4288262655



4288843992



4284506987



4278200491



4278192683

Inverse Universe

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



4292382881



4294941105



4291221648



4285227107



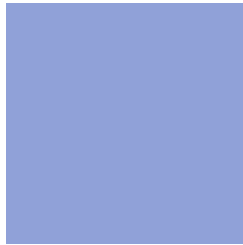
4289396776



4281008138

Previews

White Background



This preview shows how the Android color 4287668696 looks on a white background.

Color Contrast Check

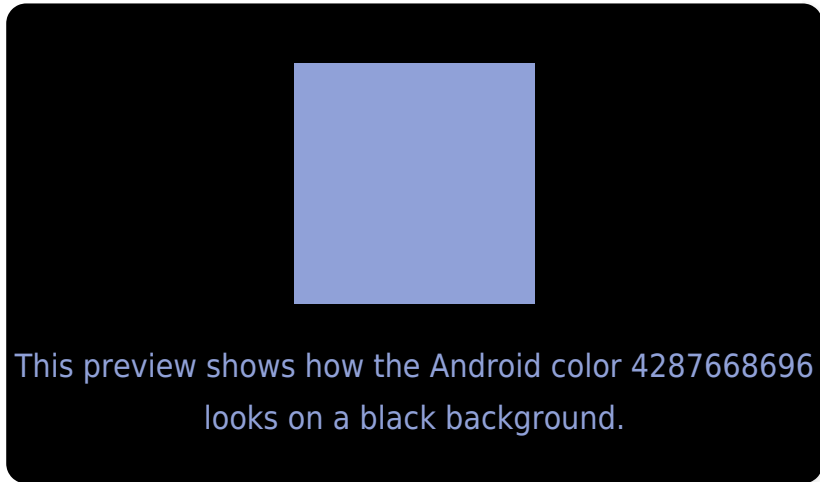
Large Text (above 18pt) WCAG AA × Fail

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

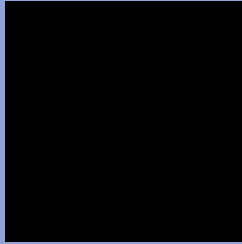
Any Text WCAG AA ✓ Pass

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 4287668696 Background



This preview shows how black text looks on a background with the Android color 4287668696.



This preview shows how white text looks on a background with the Android color 4287668696.

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

4287668696

Protanopia

4287865047

Deuteranopia

4287930584

Trichromacy



Original Color

4287668696

Protanomaly

4287799511

Deuteranomaly

4287865048

Tritanomaly

4287342018

Monochromacy



Original Color

4287668696

Achromatopsia

4288848546

Achromatomaly

4288389814

CSS Examples

Text

The CSS property to change the color of the text to Android 4287668696 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(144, 161, 216)` looks like.

```
.text, #text, p{  
    color:rgb(144, 161, 216)  
}
```

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(144, 161, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 161, 216) }
```

Border

The CSS property to change the border of an element to Android 4287668696 is called "border". The border property can be set on classes, ids or directly on the HTML element.

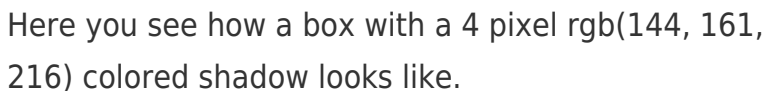
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(144, 161, 216) }
```

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

```
.border{ border-color:rgb(144, 161, 216) }
```

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



Here you see how a box with a 4 pixel `rgb(144, 161, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(144, 161, 216); -webkit-box-shadow:4px 4px 4px 4px rgb(144, 161, 216); box-shadow:4px 4px 4px 4px rgb(144, 161, 216) }
```

Background

The CSS property to change the background color of an element to Android 4287668696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 161, 216) }
```

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

```
.background{ background-color: rgb(144,  
161, 216) }
```

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