

Converting Colors

Android(4288587721)

Have a look what the booklet for
Android(4288587721) contains.

Android(4288587721)	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(4288587721)

Conversions

Conversions Part 1

Format	Color
Hex	9EA7C9
RGB	158, 167, 201
RGB Percent	62%, 65%, 79%
CMY	0.3804, 0.3451, 0.2118
CMYK	0.21, 0.17, 0.00, 0.21
HSL	227°, 28%, 70%
HSV	227°, 21%, 79%
XYZ	38.4619, 39.1236, 60.7828
YIQ	168.1850, -16.2780, 8.6660

Conversions

Conversions Part 2

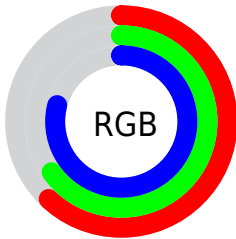
Format	Color
RYB	158, 165, 201
Decimal	10397641
CIELab	68.84, 4.14, -18.40
CIELCh	69, 18.861, 282.668
Yxy	39.1236, 0.2780, 0.2827
Android (android.graphics.Color)	4288587721 (0xFF9EA7C9)
YUV	168.1850, 16.1778, -8.9322
Hunter-Lab	62.5488, 0.3009, -13.8318

Details

The Android color `4288587721` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `4291412126`, and the grayscale version is `4289243304`.

A 20% lighter version of the original color is `4292206335`, and `4285166483` is the 20% darker color. If you saturate the color by 10%, you get `4287272905`, and if you desaturate by 10%, it is `4289902537`.

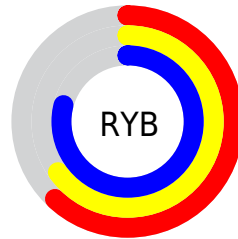
Distribution



Red (62%)

Green (65%)

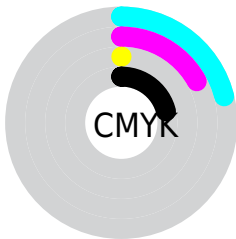
Blue (79%)



Red (62%)

Yellow (65%)

Blue (79%)

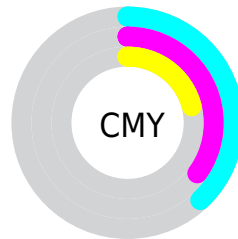


Cyan (21%)

Magenta (17%)

Yellow (0%)

Black (21%)



Cyan (38%)

Magenta (35%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Android color 4288587721 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 4288587721 by changing the saturation by 10% instead.

■ 4288587721

■ 4288587721

4294967295

■ 4286877102

■ 4292206335

■ 4285166483

■ 4294114303

■ 4283521913

■ 4281942880

■ 4280429896

■ 4278917426

■ 4278190621

■ 4278190080

■ 4288587721

■ 4288587721

■ 4287272905

■ 4289902537

■ 4285958089

■ 4291217353

■ 4284643273

■ 4292532169

■ 4283328457

■ 4293846985

■ 4282013897

■ 4294964937

■ 4280633545

■ 4294967241

■ 4279318729

■ 4278201033

Harmonies

Analogous

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



4287147208



4288587721



4290027969

Triad

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



4288587721



4291403666



4287148445

Complementary

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



4288587721



4291412126

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.



4288327311



4288587721



4290683784

Square

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



4288587721



4291533985



4289636743



4286296751

Rectangle

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



4288587721



4290813624



4289636743



4287541400

Sweetspot

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



4288587721



4293981183



4288596416



4286019712



4278190080



4286611584

Same Dimension

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



4288587721



4290628607



4289371849



4284111971



4278198947



4278191908

Inverse Universe

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



4291403431



4294950347



4290627998



4284701276



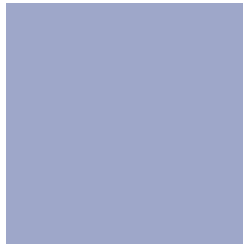
4288872482



4280549383

Previews

White Background



This preview shows how the Android color 4288587721 looks on a white background.

Color Contrast Check

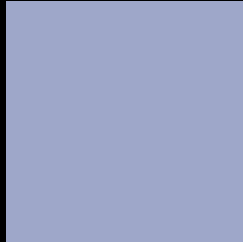
Large Text (above 18pt) WCAG AA × Fail

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 4288587721 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 4288587721 Background



This preview shows how black text looks on a background with the Android color 4288587721.



This preview shows how white text looks on a background with the Android color 4288587721.

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
4288587721

Protanopia
4288784073

Deuteranopia
4289176778

Trichromacy



Original Color
4288587721

Protanomaly
4288718537

Deuteranomaly
4288980426

Tritanomaly
4288457150

Monochromacy



Original Color
4288587721

Achromatopsia
4289243304

Achromatomaly
4288981172

CSS Examples

Text

The CSS property to change the color of the text to Android 4288587721 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(158, 167, 201)` looks like.

```
.text, #text, p{  
    color:rgb(158, 167, 201)  
}
```

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(158, 167, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 167, 201) }
```

Border

The CSS property to change the border of an element to Android 4288587721 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(158, 167, 201) }
```

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

```
.border{ border-color:rgb(158, 167, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 167, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 167, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 167, 201);  
box-shadow:4px 4px 4px 4px rgb(158, 167,  
201) }
```

Background

The CSS property to change the background color of an element to Android 4288587721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 167, 201) }
```

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

```
.background{ background-color: rgb(158,  
167, 201) }
```

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