

Converting Colors

Android(4287851213)

Have a look what the booklet for
Android(4287851213) contains.

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Color

Android(4287851213)

Conversions

Conversions Part 1

Format	Color
Hex	936ACD
RGB	147, 106, 205
RGB Percent	58%, 42%, 80%
CMY	0.4235, 0.5843, 0.1961
CMYK	0.28, 0.48, 0.00, 0.20
HSL	265°, 50%, 61%
HSV	265°, 48%, 80%
XYZ	28.2061, 20.9189, 60.3087
YIQ	129.5450, -7.3430, 39.4810

Conversions

Conversions Part 2

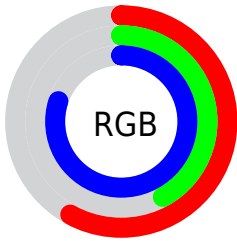
Format	Color
RYB	147, 106, 205
Decimal	9661133
CIELab	52.86, 36.69, -45.52
CIELCh	53, 58.471, 308.870
Yxy	20.9189, 0.2577, 0.1912
Android (android.graphics.Color)	4287851213 (0xFF936ACD)
YUV	129.5450, 37.1993, 15.3080
Hunter-Lab	45.7372, 30.0408, -46.1634

Details

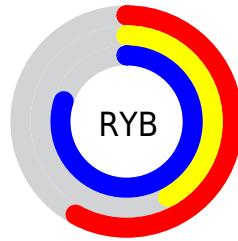
The Android color `4287851213` is a light color, and the websafe version is hex `9966CC`. A complement of this color would be `4288990570`, and the grayscale version is `4286677377`.

A 20% lighter version of the original color is `4291534591`, and `4284299670` is the 20% darker color. If you saturate the color by 10%, you get `4287059661`, and if you desaturate by 10%, it is `4288643021`.

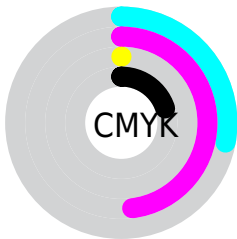
Distribution



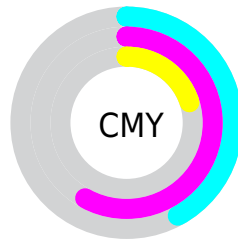
- Red (58%)
- Green (42%)
- Blue (80%)



- Red (58%)
- Yellow (42%)
- Blue (80%)



- Cyan (28%)
- Magenta (48%)
- Yellow (0%)
- Black (20%)



- Cyan (42%)
- Magenta (58%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Android color 4287851213 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 4287851213 by changing the saturation by 10% instead.

 4287851213

 4287851213

4294967295

 4286075313

 4291534591

 4284299670

 4293442047

 4282589820

 4294956543

 4280748642

 4294963967

 4278911050

 4278190130

 4278190620

 4278190080

 4287851213

 4287851213

4287059661

4288643021

4286267853

4289434573

4285476301

4290226381

4284684493

4291017933

4283892941

4291809741

4283760845

4292601293

4293393101

4294180813

4294967245

Harmonies

Analogous

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



4279926754



4287851213



4291187876

Triad

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



4287851213



4289949208



4278228620

Complementary

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



4287851213



4288990570

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.



4278227800



4287851213



4287201536

Square

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



4287851213



4291844418



4283665704



4278228156

Rectangle

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



4287851213



4292168834



4283665704



4278228347

Sweetspot

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



4287851213



4293581823



4285179341



4285753984



4278190080



4286611584

Same Dimension

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



4287851213



4289227775



4290996941



4284505190



4282712230



4279238694

Inverse Universe

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



4291652260



4294929346



4285844842



4284898402



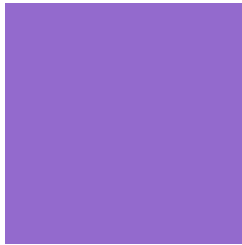
4289069153



4280680470

Previews

White Background



This preview shows how the Android color 4287851213 looks on a white background.

Color Contrast Check

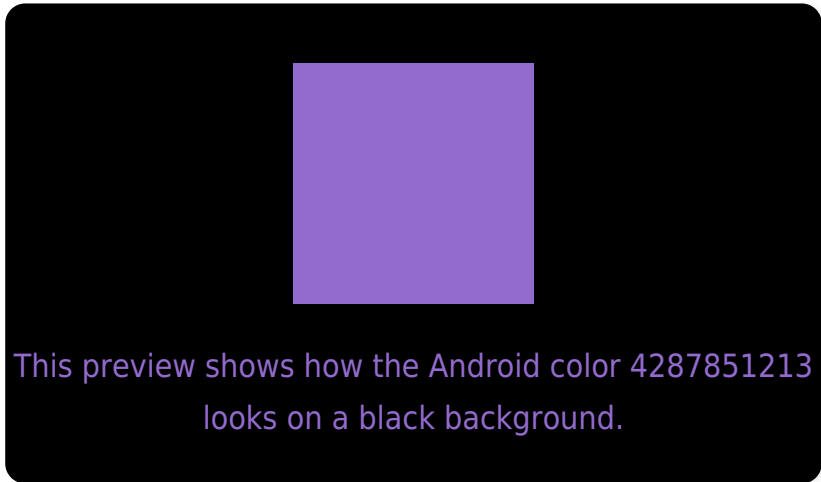
Large Text (above 18pt) WCAG AA ✓ Pass

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

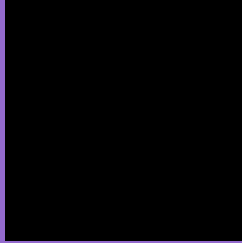
Any Text WCAG AA ✓ Pass

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 4287851213 Background



This preview shows how black text looks on a background with the Android color 4287851213.



This preview shows how white text looks on a background with the Android color 4287851213.

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
4287851213

Protanomaly
4285167063

Deuteranomaly
4285233098

Tritanomaly
4287264159

Monochromacy



Original Color
4287851213

Achromatopsia
4286743170

Achromatomaly
4287134109

CSS Examples

Text

The CSS property to change the color of the text to Android 4287851213 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(147, 106, 205)` looks like.

```
.text, #text, p{  
    color:rgb(147, 106, 205)  
}
```

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(147, 106, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 106, 205) }
```

Border

The CSS property to change the border of an element to Android 4287851213 is called "border". The border property can be set on classes, ids or directly on the HTML element.

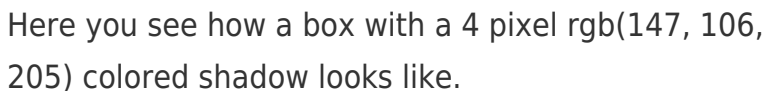
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(147, 106, 205) }
```

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

```
.border{ border-color:rgb(147, 106, 205) }
```

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



Here you see how a box with a 4 pixel `rgb(147, 106, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(147, 106, 205); -webkit-box-shadow:4px 4px 4px 4px rgb(147, 106, 205); box-shadow:4px 4px 4px 4px rgb(147, 106, 205) }
```

Background

The CSS property to change the background color of an element to Android 4287851213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 106, 205) }
```

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

```
.background{ background-color: rgb(147,  
106, 205) }
```

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](#).

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