

Converting Colors

Android(4287627461)

Have a look what the booklet for
Android(4287627461) contains.

| | |
|--|----|
| Android(4287627461) | 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(4287627461)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 9000C5 |
| RGB | 144, 0, 197 |
| RGB Percent | 56%, 0%, 77% |
| CMY | 0.4353, 1.0000, 0.2275 |
| CMYK | 0.27, 1.00, 0.00, 0.23 |
| HSL | 284°, 100%, 39% |
| HSV | 284°, 100%, 77% |
| XYZ | 21.5796, 9.9605, 53.6085 |
| YIQ | 65.5140, 22.5870, 91.7950 |

Conversions

Conversions Part 2

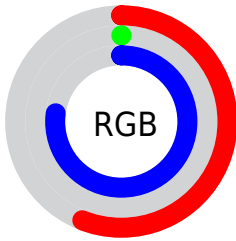
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 144, 0, 197 |
| Decimal | 9437381 |
| CIELab | 37.77, 73.25, -65.22 |
| CIELCh | 38, 98.078, 318.322 |
| Yxy | 9.9605, 0.2534, 0.1170 |
| Android (android.graphics.Color) | 4287627461 (0xFF9000C5) |
| YUV | 65.5140, 64.8226, 68.8322 |
| Hunter-Lab | 31.5603, 66.8206, -78.6182 |

Details

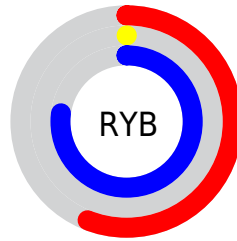
The Android color `4287627461` is a dark color, and the websafe version is hex `9900CC`. The color can be described as dark washed purple. A complement of this color would be `4281713920`, and the grayscale version is `4282466625`.

A 20% lighter version of the original color is `4291514879`, and `4283826318` is the 20% darker color. If you saturate the color by 10%, you get `4287627461`, and if you desaturate by 10%, it is `4287960261`.

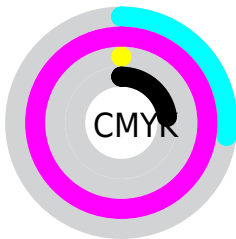
Distribution



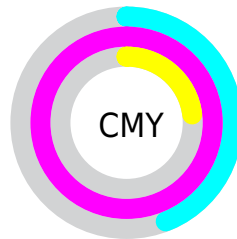
- Red (56%)
- Green (0%)
- Blue (77%)



- Red (56%)
- Yellow (0%)
- Blue (77%)



- Cyan (27%)
- Magenta (100%)
- Yellow (0%)
- Black (23%)



- Cyan (44%)
- Magenta (100%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Android color 4287627461 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 4287627461 by changing the saturation by 10% instead.

 4287627461

 4287627461

4294967295

 4285726889

 4291514879

 4283826318

 4293488383

 4281860211

 4294937343

 4279828570

 4294944767

 4278190145

 4294952191

 4278190890

 4294959615

 4278190356

 4278190080

 4287627461

 4287960261

 4288358341

 4288691141

 4289023941

 4289422277

 4289754821

 4290087621

 4290420421

 4290818501

Harmonies

Analogous

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



4278211829



4287627461



4291690619

Triad

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



4287627461



4286991104



4278220169

Complementary

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



4287627461



4281713920

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.



4278219574



4287627461



4282213376

Square

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



4287627461



4290379776



4278218496



4278220241

Rectangle

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



4287627461



4292345928



4278218496



4278219886

Sweetspot

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



4287627461



4293571583



4278204613



4285747840



4278190080



4286611584

Same Dimension

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



4287627461



4290380031



4291100826



4284570211



4285989027



4279894052

Inverse Universe

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



4291100725



4294901829



4278240555



4284701276



4288872492



4280549386

Previews

White Background



This preview shows how the Android color 4287627461 looks on a white background.

Color Contrast Check

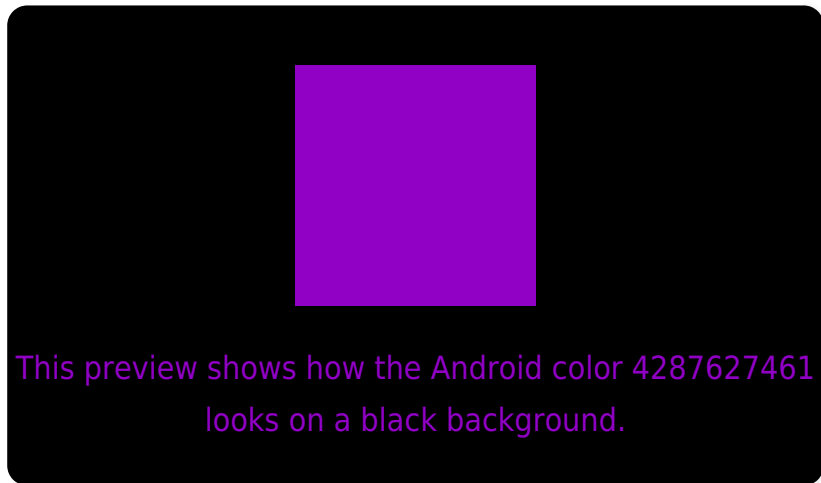
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

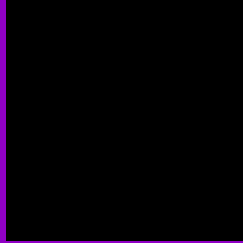
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Android 4287627461 Background



This preview shows how black text looks on a background with the Android color 4287627461.



This preview shows how white text looks on a background with the Android color 4287627461.

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
4287627461

Protanopia
4278212793

Deuteranopia
4278214049



Tritanopia
4286467411

Trichromacy



Original Color
4287627461

Protanomaly
4281612477

Deuteranomaly
4281613230

Tritanomaly
4286919036

Monochromacy



Original Color
4287627461

Achromatopsia
4282532418

Achromatomaly
4284361330

CSS Examples

Text

The CSS property to change the color of the text to Android 4287627461 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, 0, 197)` looks like.

```
.text, #text, p{  
    color:rgb(144, 0, 197)  
}
```

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, 0, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 0, 197) }
```

Border

The CSS property to change the border of an element to Android 4287627461 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, 0, 197) }
```

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

```
.border{ border-color:rgb(144, 0, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 0, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 0, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 0, 197);  
box-shadow:4px 4px 4px 4px rgb(144, 0,  
197) }
```

Background

The CSS property to change the background color of an element to Android 4287627461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 0, 197) }
```

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

```
.background{ background-color: rgb(144, 0,  
197) }
```

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