

Converting Colors

Android(4287246514)

Have a look what the booklet for
Android(4287246514) contains.

Android(4287246514)	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(4287246514)

Conversions

Conversions Part 1

Format	Color
Hex	8A30B2
RGB	138, 48, 178
RGB Percent	54%, 19%, 70%
CMY	0.4588, 0.8118, 0.3020
CMYK	0.22, 0.73, 0.00, 0.30
HSL	282°, 58%, 44%
HSV	282°, 73%, 70%
XYZ	19.5741, 10.7315, 43.1592
YIQ	89.7300, 11.9100, 59.5100

Conversions

Conversions Part 2

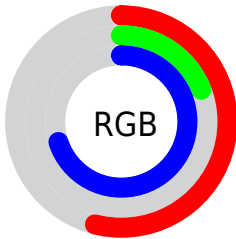
Format	Color
R_{YB}	138, 48, 178
Decimal	9056434
CIE _{Lab}	39.12, 57.66, -51.87
CIE _{LCh}	39, 77.562, 318.026
Yxy	10.7315, 0.2664, 0.1461
Android (android.graphics.Color)	4287246514 (0xFF8A30B2)
YUV	89.7300, 43.5171, 42.3328
Hunter-Lab	32.7590, 49.3285, -55.1818

Details

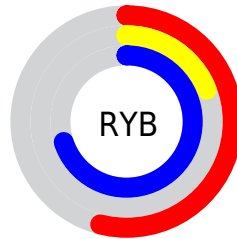
The Android color `4287246514` is a dark color, and the websafe version is hex `9933CC`. A complement of this color would be `4284002864`, and the grayscale version is `4284045657`.

A 20% lighter version of the original color is `4290995947`, and `4283629692` is the 20% darker color. If you saturate the color by 10%, you get `4286914226`, and if you desaturate by 10%, it is `4287578802`.

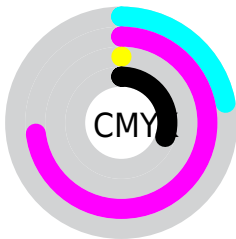
Distribution



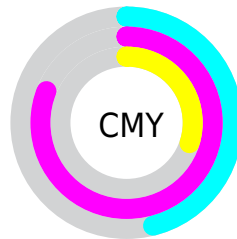
- Red (54%)
- Green (19%)
- Blue (70%)



- Red (54%)
- Yellow (19%)
- Blue (70%)



- Cyan (22%)
- Magenta (73%)
- Yellow (0%)
- Black (30%)



- Cyan (46%)
- Magenta (81%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Android color 4287246514 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 4287246514 by changing the saturation by 10% instead.

 4287246514

 4287246514

4294967295

 4285403031

 4290995947

 4283629692

 4292903679

 4281794659

 4294876671

 4280221770

 4294949375

 4278190130

 4294956799

 4278190620

 4294964223

 4278190080

 4287246514

 4287246514

 4286914226

 4287578802

■ 4286516402

■ 4287976626

■ 4286251186

■ 4288308658

■ 4288706482

■ 4289038770

■ 4289436594

■ 4289768882

■ 4290166450

■ 4290498738

Harmonies

Analogous

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



4278212823



4287246514



4290510968

Triad

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



4287246514



4286992384



4278220162

Complementary

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



4287246514



4284002864

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.



4278219584



4287246514



4283262208

Square

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



4287246514



4289669632



4278218496



4278219962

Rectangle

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



4287246514



4291100751



4278218496



4278220140

Sweetspot

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



4287246514



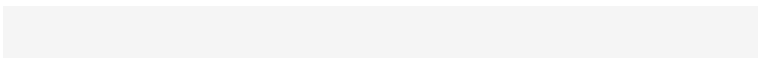
4292392424



4281358770



4285290357



4294309365



4285887861

Same Dimension

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



4287246514



4289273064



4289867930



4283912281



4285137049



4279369754

Inverse Universe

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



4289867864



4293401691



4281381448



4284043347



4288217135



4279894024

Previews

White Background



This preview shows how the Android color 4287246514 looks on a white background.

Color Contrast Check

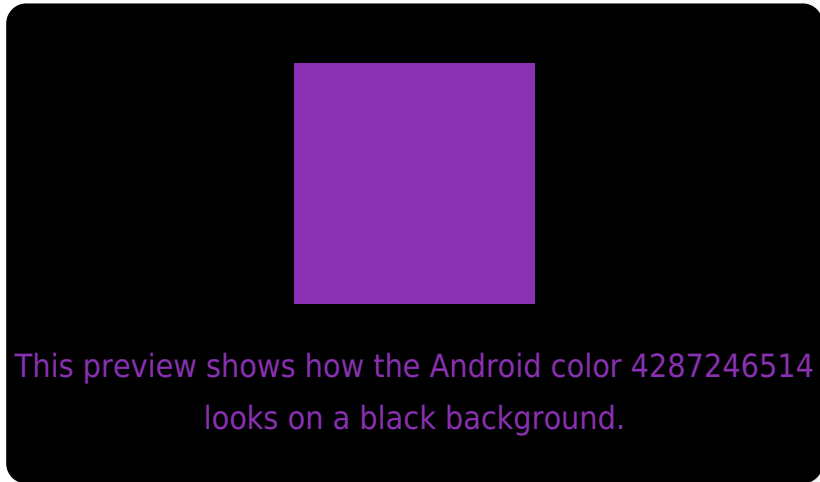
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

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

Android 4287246514 Background



This preview shows how black text looks on a background with the Android color 4287246514.



This preview shows how white text looks on a background with the Android color 4287246514.

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

4287246514

Protanopia

4278213309

Deuteranopia

4278214567



Tritanopia
4286337111

Trichromacy



Original Color
4287246514



Protanomaly
4281486265



Deuteranomaly
4281487019



Tritanomaly
4286661752

Monochromacy



Original Color
4287246514



Achromatopsia
4284111450



Achromatomaly
4285221754

CSS Examples

Text

The CSS property to change the color of the text to Android 4287246514 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(138, 48, 178)` looks like.

```
.text, #text, p{  
    color:rgb(138, 48, 178)  
}
```

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(138, 48, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 48, 178) }
```

Border

The CSS property to change the border of an element to Android 4287246514 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(138, 48, 178) }
```

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

```
.border{ border-color:rgb(138, 48, 178) }
```

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

Here you see how a box with a 4 pixel rgb(138, 48, 178) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 48, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 48, 178);  
box-shadow:4px 4px 4px 4px rgb(138, 48,  
178) }
```

Background

The CSS property to change the background color of an element to Android 4287246514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 48, 178) }
```

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

```
.background{ background-color: rgb(138, 48,  
178) }
```

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