

Converting Colors

Android(4287188657)

Have a look what the booklet for
Android(4287188657) contains.

Android(4287188657)	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(4287188657)

Conversions

Conversions Part 1

Format	Color
Hex	894EB1
RGB	137, 78, 177
RGB Percent	54%, 31%, 69%
CMY	0.4627, 0.6941, 0.3059
CMYK	0.23, 0.56, 0.00, 0.31
HSL	276°, 39%, 50%
HSV	276°, 56%, 69%
XYZ	20.9767, 13.9415, 43.1803
YIQ	106.9270, 3.3850, 43.2970

Conversions

Conversions Part 2

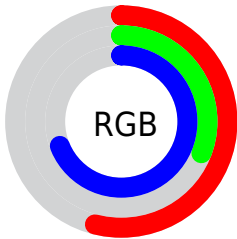
Format	Color
RYB	137, 78, 177
Decimal	8998577
CIELab	44.15, 42.90, -43.23
CIELCh	44, 60.905, 314.776
Yxy	13.9415, 0.2686, 0.1785
Android (android.graphics.Color)	4287188657 (0xFF894EB1)
YUV	106.9270, 34.5460, 26.3740
Hunter-Lab	37.3383, 34.9397, -42.4299

Details

The Android color `4287188657` is a dark color, and the websafe version is hex `9966CC`. A complement of this color would be `4285968718`, and the grayscale version is `4285229931`.

A 20% lighter version of the original color is `4290871785`, and `4283702396` is the 20% darker color. If you saturate the color by 10%, you get `4286725297`, and if you desaturate by 10%, it is `4287652017`.

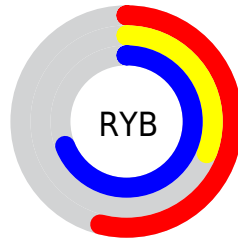
Distribution



Red (54%)

Green (31%)

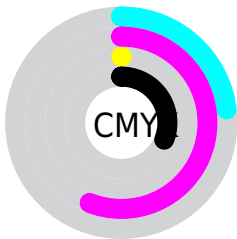
Blue (69%)



Red (54%)

Yellow (31%)

Blue (69%)

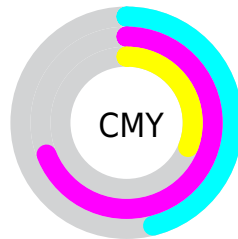


Cyan (23%)

Magenta (56%)

Yellow (0%)

Black (31%)



Cyan (46%)

Magenta (69%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Android color 4287188657 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 4287188657 by changing the saturation by 10% instead.



4287188657



4287188657

4294967295



4285412758



4290871785



4283702396



4292713727



4281991266



4294686975



4280287306



4294956287



4278190130



4294963455



4278190620



4278190080



4287188657



4287188657



4286725297



4287652017

■ 4286262193

■ 4288115121

■ 4285798833

■ 4288578481

■ 4285269937

■ 4289107377

■ 4285071537

■ 4289570737

■ 4290033841

■ 4290497201

■ 4290960561

■ 4291423665

Harmonies

Analogous

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



4279264971



4287188657



4290065540

Triad

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



4287188657



4287847680



4278222721

Complementary

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



4287188657



4285968718

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.



4278222156



4287188657



4284968448

Square

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



4287188657



4289938722



4280776725



4278222255

Rectangle

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



4287188657



4290784355



4280776725



4278222703

Sweetspot

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



4287188657



4292263654



4283332529



4285095027



4294111986



4285756275

Same Dimension

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



4287188657



4289154278



4289810089



4283846745



4284154009



4279173146

Inverse Universe

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



4289810038



4293282954



4283347286



4284043348



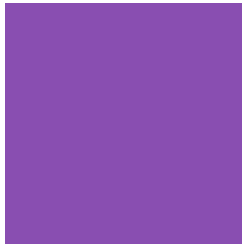
4288217150



4279894026

Previews

White Background



This preview shows how the Android color 4287188657 looks on a white background.

Color Contrast Check

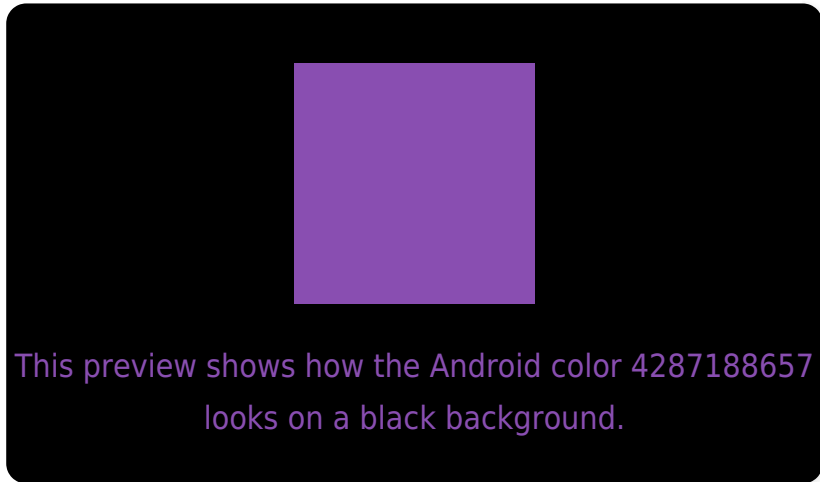
Large Text (above 18pt) WCAG AA ✓ Pass

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

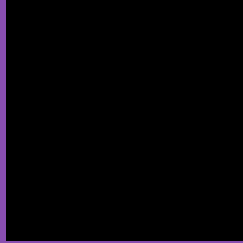
Any Text WCAG AA × Fail

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 4287188657 Background



This preview shows how black text looks on a background with the Android color 4287188657.



This preview shows how white text looks on a background with the Android color 4287188657.

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





Tritanopia
4286407017

Trichromacy



Original Color
4287188657

Protanomaly
4283522496

Deuteranomaly
4284112814

Tritanomaly
4286667395

Monochromacy



Original Color
4287188657

Achromatopsia
4285229931

Achromatomaly
4285948036

CSS Examples

Text

The CSS property to change the color of the text to Android 4287188657 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(137, 78, 177)` looks like.

```
.text, #text, p{  
    color:rgb(137, 78, 177)  
}
```

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(137, 78, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 78, 177) }
```

Border

The CSS property to change the border of an element to Android 4287188657 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(137, 78, 177) }
```

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

```
.border{ border-color:rgb(137, 78, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 78, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 78, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 78, 177);  
box-shadow:4px 4px 4px 4px rgb(137, 78,  
177) }
```

Background

The CSS property to change the background color of an element to Android 4287188657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 78, 177) }
```

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

```
.background{ background-color: rgb(137, 78,  
177) }
```

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