

Converting Colors

Android(4288968158)

Have a look what the booklet for
Android(4288968158) contains.

Android(4288968158)	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(4288968158)

Conversions

Conversions Part 1

Format	Color
Hex	A475DE
RGB	164, 117, 222
RGB Percent	64%, 46%, 87%
CMY	0.3569, 0.5412, 0.1294
CMYK	0.26, 0.47, 0.00, 0.13
HSL	267°, 61%, 66%
HSV	267°, 47%, 87%
XYZ	34.8559, 25.8890, 72.2672
YIQ	143.0230, -5.6930, 42.6190

Conversions

Conversions Part 2

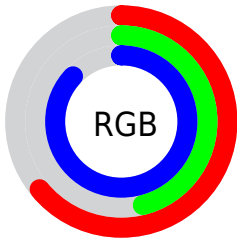
Format	Color
RYB	164, 117, 222
Decimal	10778078
CIELab	57.93, 39.22, -46.99
CIELCh	58, 61.206, 309.850
Yxy	25.8890, 0.2621, 0.1946
Android (android.graphics.Color)	4288968158 (0xFFA475DE)
YUV	143.0230, 38.9357, 18.3968
Hunter-Lab	50.8813, 33.2383, -48.5934

Details

The Android color `4288968158` is a light color, and the websafe version is hex `9966CC`. A complement of this color would be `4289715829`, and the grayscale version is `4287598479`.

A 20% lighter version of the original color is `4292717311`, and `4285350822` is the 20% darker color. If you saturate the color by 10%, you get `4288176094`, and if you desaturate by 10%, it is `4289760222`.

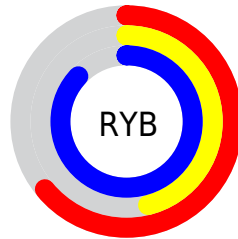
Distribution



Red (64%)

Green (46%)

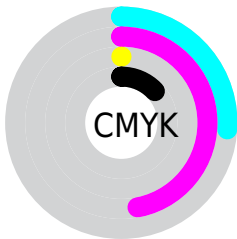
Blue (87%)



Red (64%)

Yellow (46%)

Blue (87%)

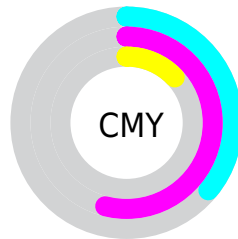


Cyan (26%)

Magenta (47%)

Yellow (0%)

Black (13%)



Cyan (36%)

Magenta (54%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Android color 4288968158 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 4288968158 by changing the saturation by 10% instead.

 4288968158

 4288968158

4294967295

 4287126722


 4292717311

 4285350822

 4294625023

 4283575179

 4294959871

 4281865073


 4279959640

 4278190144

 4278190889

 4278190355

 4278190080

 4288968158

 4288968158

 4288176094

 4289760222

 4287318494

 4290617822

 4286526174

 4291410142

 4285734110

 4292202206

 4284942046

 4292994270

 4284678366

 4293851870

 4294639582

 4294967262

Harmonies

Analogous

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



4281502965



4288968158



4292435633

Triad

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



4288968158



4291001118



4278232220

Complementary

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



4288968158



4289715829

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.



4278231652



4288968158



4288056842

Square

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



4288968158



4293027145



4284193586



4278232015

Rectangle

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



4288968158



4293482126



4284193586



4278232201

Sweetspot

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



4288968158



4293647359



4285903326



4285819520



4278190080



4286611584

Same Dimension

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



4288968158



4289687295



4292310494



4285162864



4283367600



4279631920

Inverse Universe

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



4292769199



4294930110



4286373493



4285556075



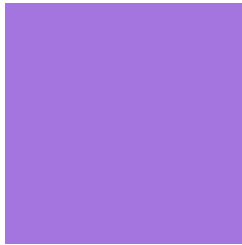
4289724513



4281335835

Previews

White Background



This preview shows how the Android color 4288968158 looks on a white background.

Color Contrast Check

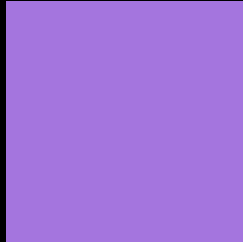
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Android color 4288968158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

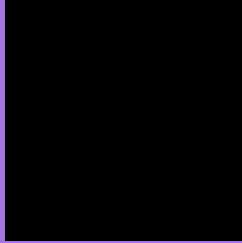
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Android 4288968158 Background



This preview shows how black text looks on a background with the Android color 4288968158.



This preview shows how white text looks on a background with the Android color 4288968158.

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
4288968158

Protanomaly
4286022121

Deuteranomaly
4286219227

Tritanomaly
4288381101

Monochromacy



Original Color
4288968158

Achromatopsia
4287598479

Achromatomaly
4288120492

CSS Examples

Text

The CSS property to change the color of the text to Android 4288968158 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(164, 117, 222)` looks like.

```
.text, #text, p{  
    color:rgb(164, 117, 222)  
}
```

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(164, 117, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 117, 222) }
```

Border

The CSS property to change the border of an element to Android 4288968158 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(164, 117, 222) }
```

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

```
.border{ border-color:rgb(164, 117, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 117, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 117, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 117, 222);  
box-shadow:4px 4px 4px 4px rgb(164, 117,  
222) }
```

Background

The CSS property to change the background color of an element to Android 4288968158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 117, 222) }
```

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

```
.background{ background-color: rgb(164,  
117, 222) }
```

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