

Converting Colors

Android(4284098951)

Have a look what the booklet for
Android(4284098951) contains.

Android(4284098951)	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>	28

Color

Android(4284098951)

Conversions

Conversions Part 1

Format	Color
Hex	5A2987
RGB	90, 41, 135
RGB Percent	35%, 16%, 53%
CMY	0.6471, 0.8392, 0.4706
CMYK	0.33, 0.70, 0.00, 0.47
HSL	271°, 53%, 35%
HSV	271°, 70%, 53%
XYZ	9.3826, 5.5088, 23.4905
YIQ	66.3670, -0.9700, 39.6220

Conversions

Conversions Part 2

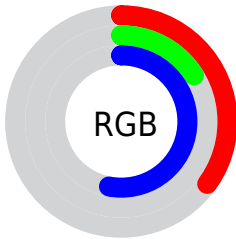
Format	Color
R_{YB}	90, 41, 135
Decimal	5908871
CIE Lab	28.14, 40.83, -43.85
CIE LCh	28, 59.919, 312.957
Yxy	5.5088, 0.2445, 0.1435
Android (android.graphics.Color)	4284098951 (0xFF5A2987)
YUV	66.3670, 33.8361, 20.7261
Hunter-Lab	23.4708, 30.2821, -42.9100

Details

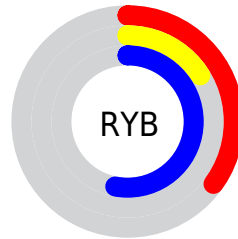
The Android color `4284098951` is a dark color, and the websafe version is hex `663399`. A complement of this color would be `4283860777`, and the grayscale version is `4282532418`.

A 20% lighter version of the original color is `4287650493`, and `4280614996` is the 20% darker color. If you saturate the color by 10%, you get `4283702407`, and if you desaturate by 10%, it is `4284495751`.

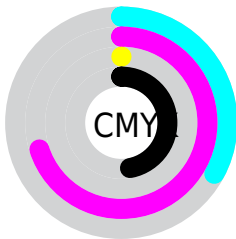
Distribution



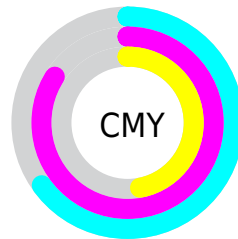
- Red (35%)
- Green (16%)
- Blue (53%)



- Red (35%)
- Yellow (16%)
- Blue (53%)



- Cyan (33%)
- Magenta (70%)
- Yellow (0%)
- Black (47%)



- Cyan (65%)
- Magenta (84%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284098951 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 4284098951 by changing the saturation by 10% instead.



4284098951



4284098951

4294967295



4282388589



4287650493



4280614996



4289426649



4279107645



4291333878



4278190630



4293175807



4278190350



4294952191



4278190080



4294959615

4294967039



4284098951



4284098951

■ 4283702407

■ 4284495751

■ 4283240071

■ 4284957831

■ 4282843271

■ 4285354631

■ 4282777735

■ 4285816711

■ 4286213511

■ 4286675591

■ 4287072391

■ 4287534471

■ 4287931271

Harmonies

Analogous

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



4278207134



4284098951



4286906463

Triad

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



4284098951



4284954112



4278211926

Complementary

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



4284098951



4283860777

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.



4278211365



4284098951



4282402560

Square

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



4284098951



4286781440



4278210304



4278211713

Rectangle

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



4284098951



4287561792



4278210304



4278211910

Sweetspot

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



4284098951



4288580528



4280899207



4283384665



4292467161



4284045657

Same Dimension

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



4284098951



4285078704



4287048069



4282334274



4282646658



4278255619

Inverse Universe

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



4287048022



4289731683



4280911659



4282530879



4286709822



4278386689

Previews

White Background



This preview shows how the Android color 4284098951 looks on a white background.

Color Contrast Check

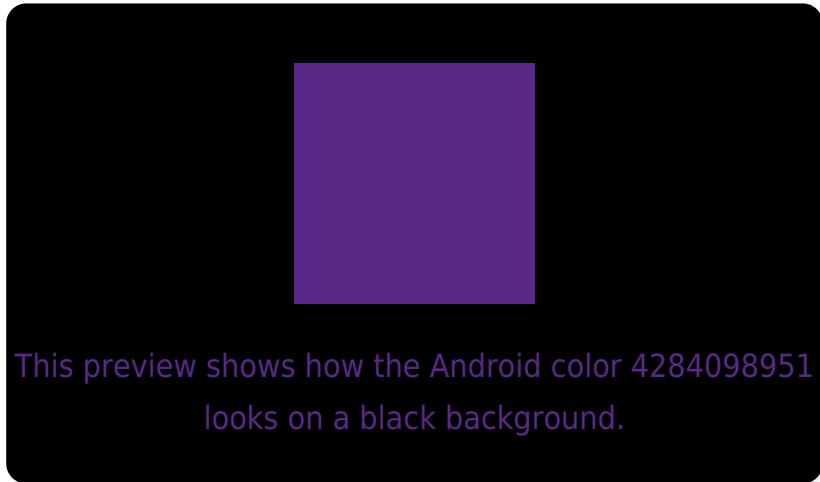
Large Text (above 18pt) WCAG AA ✓ Pass

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

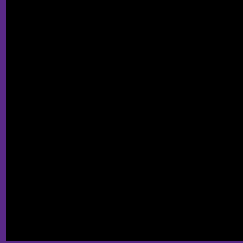
Any Text WCAG AA × Fail

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 4284098951 Background



This preview shows how black text looks on a background with the Android color 4284098951.

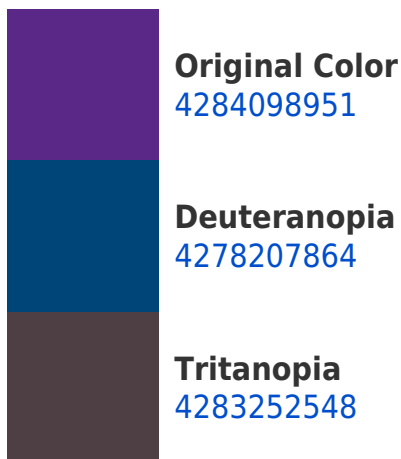


This preview shows how white text looks on a background with the Android color 4284098951.

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

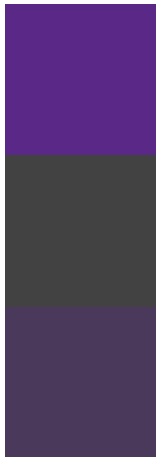


Original Color
4284098951

Deuteranomaly
4280367997

Tritanomaly
4283578204

Monochromacy



Original Color
4284098951

Achromatopsia
4282532418

Achromatomaly
4283119963

CSS Examples

Text

The CSS property to change the color of the text to Android 4284098951 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(90, 41, 135)` looks like.

```
.text, #text, p{  
    color:rgb(90, 41, 135)  
}
```

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(90, 41, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 41, 135) }
```

Border

The CSS property to change the border of an element to Android 4284098951 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(90, 41, 135) }
```

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

```
.border{ border-color:rgb(90, 41, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 41, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 41, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 41, 135);  
box-shadow:4px 4px 4px 4px rgb(90, 41,  
135) }
```

Background

The CSS property to change the background color of an element to Android 4284098951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 41, 135) }
```

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

```
.background{ background-color: rgb(90, 41,  
135) }
```

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