

Converting Colors

Android(4283712949)

Have a look what the booklet for
Android(4283712949) contains.

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Color

Android(4283712949)

Conversions

Conversions Part 1

Format	Color
Hex	5445B5
RGB	84, 69, 181
RGB Percent	33%, 27%, 71%
CMY	0.6706, 0.7294, 0.2902
CMYK	0.54, 0.62, 0.00, 0.29
HSL	248°, 45%, 49%
HSV	248°, 62%, 71%
XYZ	14.1248, 9.4773, 44.8009
YIQ	86.2530, -27.0120, 38.0120

Conversions

Conversions Part 2

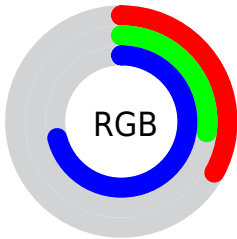
Format	Color
R_{YB}	84, 69, 181
Decimal	5522869
CIE _{Lab}	36.89, 36.88, -57.57
CIE _{LCh}	37, 68.369, 302.642
Yxy	9.4773, 0.2065, 0.1386
Android (android.graphics.Color)	4283712949 (0xFF5445B5)
YUV	86.2530, 46.7103, -1.9759
Hunter-Lab	30.7852, 28.0249, -64.7337

Details

The Android color `4283712949` is a dark color, and the websafe version is hex `333399`. A complement of this color would be `4289115461`, and the grayscale version is `4283848278`.

A 20% lighter version of the original color is `4287461102`, and `4279048319` is the 20% darker color. If you saturate the color by 10%, you get `4282659765`, and if you desaturate by 10%, it is `4284766133`.

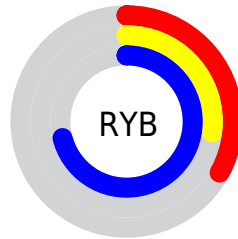
Distribution



Red (33%)

Green (27%)

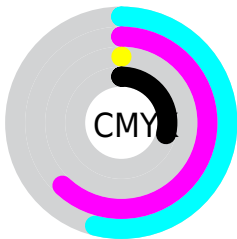
Blue (71%)



Red (33%)

Yellow (27%)

Blue (71%)

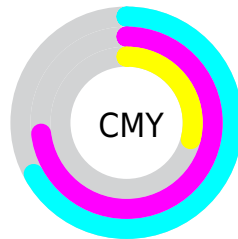


Cyan (54%)

Magenta (62%)

Yellow (0%)

Black (29%)



Cyan (67%)

Magenta (73%)

Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Android color 4283712949 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 4283712949 by changing the saturation by 10% instead.

 4283712949

 4283712949

4294967295

 4281740954

 4287461102

 4279048319

 4289368319

 4278191205

 4291275775

 4278190157

 4293183231

 4278191413

 4294959871

 4278190623

 4278190081

 4278190080

 4283712949

 4283712949

■ 4282659765

■ 4284766133

■ 4281672117

■ 4285753781

■ 4280618933

■ 4286806965

■ 4279763125

■ 4287860149

■ 4288848053

■ 4289901237

■ 4290954421

■ 4291942069

■ 4292995253

Harmonies

Analogous

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



4278214087



4283712949



4288289674

Triad

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



4283712949



4287708928



4278218074

Complementary

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



4283712949



4289115461

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.



4278217247



4283712949



4284962304

Square

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



4283712949



4289532959



4281033728



4278218129

Rectangle

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



4283712949



4289593447



4281033728



4278217799

Sweetspot

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



4283712949



4291084011



4282754741



4284373621



4294309365



4285887861

Same Dimension

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



4283712949



4283710955



4287382965



4283584601



4279500953



4278386714

Inverse Universe

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



4290069926



4293606867



4285445445



4284043352



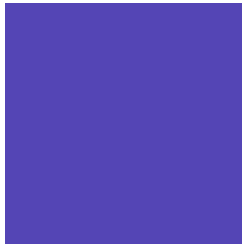
4288217221



4279894038

Previews

White Background



This preview shows how the Android color 4283712949 looks on a white background.

Color Contrast Check

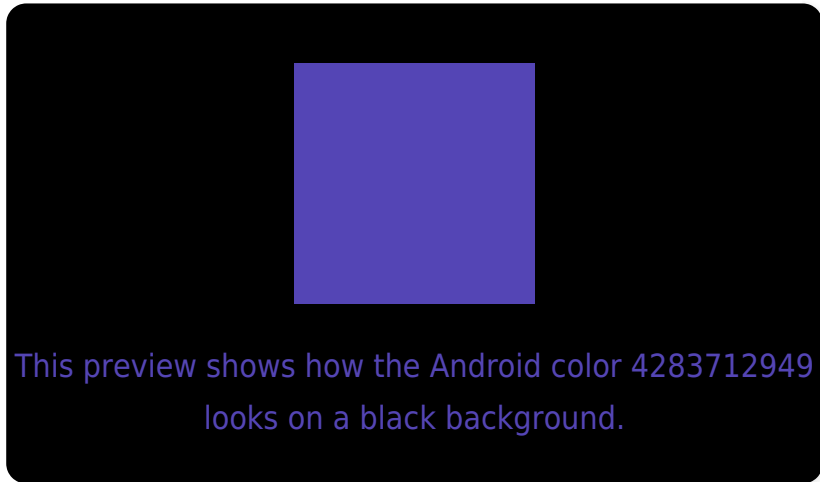
Large Text (above 18pt) WCAG AA ✓ Pass

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 4283712949 Background



This preview shows how black text looks on a background with the Android color 4283712949.



This preview shows how white text looks on a background with the Android color 4283712949.

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

4283712949

Protanopia

4278211761

Deuteranopia

4278213017

Trichromacy



Original Color
4283712949

Protanomaly
4280242098

Deuteranomaly
4280242851

Tritanomaly
4282602625

Monochromacy



Original Color
4283712949

Achromatopsia
4283848278

Achromatomaly
4283781241

CSS Examples

Text

The CSS property to change the color of the text to Android 4283712949 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(84, 69, 181)` looks like.

```
.text, #text, p{  
    color:rgb(84, 69, 181)  
}
```

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(84, 69, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 69, 181) }
```

Border

The CSS property to change the border of an element to Android 4283712949 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(84, 69, 181) }
```

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

```
.border{ border-color:rgb(84, 69, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 69, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 69, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 69, 181);  
box-shadow:4px 4px 4px 4px rgb(84, 69,  
181) }
```

Background

The CSS property to change the background color of an element to Android 4283712949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 69, 181) }
```

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

```
.background{ background-color: rgb(84, 69,  
181) }
```

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](#).

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