

Converting Colors

Android(4282849203)

Have a look what the booklet for
Android(4282849203) contains.

Android(4282849203)	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(4282849203)

Conversions

Conversions Part 1

Format	Color
Hex	4717B3
RGB	71, 23, 179
RGB Percent	28%, 9%, 70%
CMY	0.7216, 0.9098, 0.2980
CMYK	0.60, 0.87, 0.00, 0.30
HSL	258°, 77%, 40%
HSV	258°, 87%, 70%
XYZ	11.0416, 5.2071, 43.0709
YIQ	55.1360, -21.4680, 58.6920

Conversions

Conversions Part 2

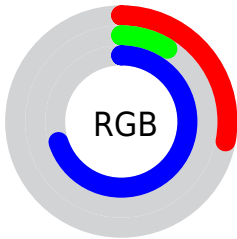
Format	Color
R_{YB}	71, 23, 179
Decimal	4659123
CIE _{Lab}	27.32, 57.26, -72.13
CIE _{LCh}	27, 92.095, 308.443
Yxy	5.2071, 0.1861, 0.0878
Android (android.graphics.Color)	4282849203 (0xFF4717B3)
YUV	55.1360, 61.0650, 13.9127
Hunter-Lab	22.8190, 46.4391, -95.9369

Details

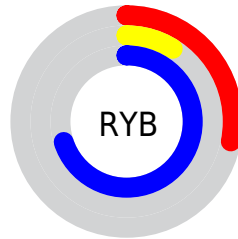
The Android color `4282849203` is a dark color, and the websafe version is hex `330099`. A complement of this color would be `4286821143`, and the grayscale version is `4281808695`.

A 20% lighter version of the original color is `4286860780`, and `4278190205` is the 20% darker color. If you saturate the color by 10%, you get `4282058163`, and if you desaturate by 10%, it is `4283640243`.

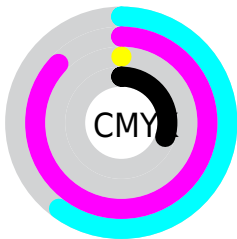
Distribution



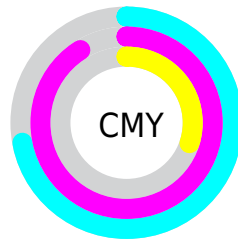
- Red (28%)
- Green (9%)
- Blue (70%)



- Red (28%)
- Yellow (9%)
- Blue (70%)



- Cyan (60%)
- Magenta (87%)
- Yellow (0%)
- Black (30%)



- Cyan (72%)
- Magenta (91%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282849203 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 4282849203 by changing the saturation by 10% instead.

 4282849203

 4282849203

4294967295

 4280418455

 4286860780

 4278190205

 4288833535

 4278190179

 4290806271

 4278191946

 4292779263

 4278191154

 4294818047

 4278190620

 4294956287

 4278190080

 4294963711

 4282849203

 4282849203

■ 4282058163

■ 4283640243

■ 4281794739

■ 4284496819

■ 4285287859

■ 4286144435

■ 4286935475

■ 4287726259

■ 4288582835

■ 4289373875

■ 4290230451

Harmonies

Analogous

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



4278208723



4282849203



4288413814

Triad

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



4282849203



4285998336



4278212436

Complementary

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



4282849203



4286821143

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.



4278211840



4282849203



4282270976

Square

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



4282849203



4288610304



4278210816



4278213017

Rectangle

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



4282849203



4289593416



4278210816



4278212155

Sweetspot

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



4282849203



4290686184



4279731379



4284240245



4294309365



4285887861

Same Dimension

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



4282849203



4282843368



4287895475



4283650137



4281270425



4278714394

Inverse Universe

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



4289927043



4293394593



4281774871



4284043351



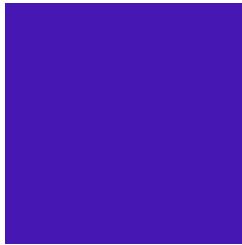
4288217194



4279894034

Previews

White Background



This preview shows how the Android color 4282849203 looks on a white background.

Color Contrast Check

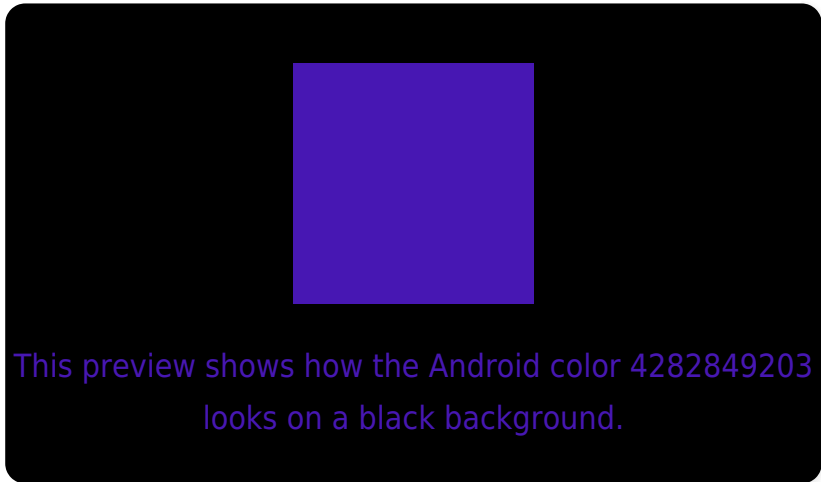
Large Text (above 18pt) WCAG AA ✓ Pass

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 4282849203 Background



This preview shows how black text looks on a background with the Android color 4282849203.



This preview shows how white text looks on a background with the Android color 4282849203.

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
4282849203

Protanopia
4278206341

Deuteranopia
4278207345

Trichromacy



Original Color

4282849203



Protanomaly

4279906454



Deuteranomaly

4279907209



Tritanomaly

4280759923

Monochromacy



Original Color

4282849203



Achromatopsia

4281808695



Achromatomaly

4282198884

CSS Examples

Text

The CSS property to change the color of the text to Android 4282849203 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(71, 23, 179)` looks like.

```
.text, #text, p{  
    color:rgb(71, 23, 179)  
}
```

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(71, 23, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 23, 179) }
```

Border

The CSS property to change the border of an element to Android 4282849203 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(71, 23, 179) }
```

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

```
.border{ border-color:rgb(71, 23, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 23, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 23, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 23, 179);  
box-shadow:4px 4px 4px 4px rgb(71, 23,  
179) }
```

Background

The CSS property to change the background color of an element to Android 4282849203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 23, 179) }
```

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

```
.background{ background-color: rgb(71, 23,  
179) }
```

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