

Converting Colors

Android(4281601909)

Have a look what the booklet for
Android(4281601909) contains.

Android(4281601909)	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(4281601909)

Conversions

Conversions Part 1

Format	Color
Hex	340F75
RGB	52, 15, 117
RGB Percent	20%, 6%, 46%
CMY	0.7961, 0.9412, 0.5412
CMYK	0.56, 0.87, 0.00, 0.54
HSL	262°, 77%, 26%
HSV	262°, 87%, 46%
XYZ	4.7979, 2.3561, 17.0315
YIQ	37.6910, -10.6900, 39.5660

Conversions

Conversions Part 2

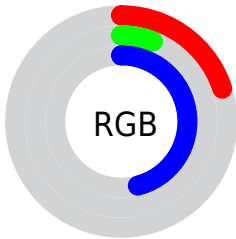
Format	Color
R_{YB}	52, 15, 117
Decimal	3411829
CIE _{Lab}	17.25, 41.45, -50.43
CIE _{LCh}	17, 65.274, 309.420
Yxy	2.3561, 0.1984, 0.0974
Android (android.graphics.Color)	4281601909 (0xFF340F75)
YUV	37.6910, 39.0993, 12.5490
Hunter-Lab	15.3495, 28.9333, -55.0425

Details

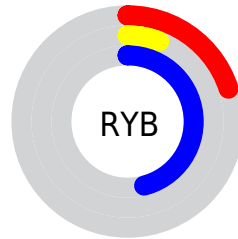
The Android color **4281601909** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **4283462927**, and the grayscale version is **4280624421**.

A 20% lighter version of the original color is **4285218986**, and **4278190148** is the 20% darker color. If you saturate the color by 10%, you get **4281140085**, and if you desaturate by 10%, it is **4282063733**.

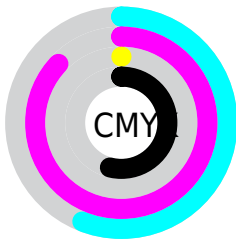
Distribution



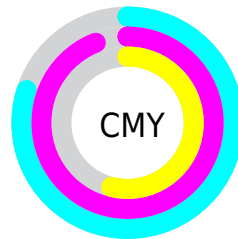
- Red (20%)
- Green (6%)
- Blue (46%)



- Red (20%)
- Yellow (6%)
- Blue (46%)



- Cyan (56%)
- Magenta (87%)
- Yellow (0%)
- Black (54%)




- Cyan (80%)
- Magenta (94%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281601909 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 4281601909 by changing the saturation by 10% instead.

 4281601909

 4281601909

 4294966271

 4279566428

 4285218986

 4278190148

 4286994886

 4278190892

 4288836322

 4278190358


 4290678015

 4278190080

 4292585471

 4294558463

 4294959103

 4281601909

 4281601909

■ 4281140085

■ 4282063733

■ 4280942709

■ 4282590837

■ 4283052661

■ 4283580021

■ 4284041845

■ 4284568949

■ 4285030773

■ 4285558133

■ 4286019701

Harmonies

Analogous

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



4278201995



4281601909



4285005901

Triad

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



4281601909



4283308544



4278205241

Complementary

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



4281601909



4283462927

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.



4278204673



4281601909



4280823296

Square

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



4281601909



4285136896



4278203904



4278205286

Rectangle

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



4281601909



4285792302



4278203904



4278205224

Sweetspot

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



4281601909



4286607769



4279193973



4282201421



4291611852



4283256141

Same Dimension

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



4281601909



4281794713



4284878709



4281808187



4281073786



4284154106

Inverse Universe

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



4285861712



4288217186



4280186127



4282070329



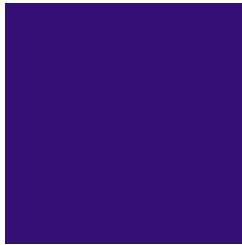
4286185550



4294574239

Previews

White Background



This preview shows how the Android color 4281601909 looks on a white background.

Color Contrast Check

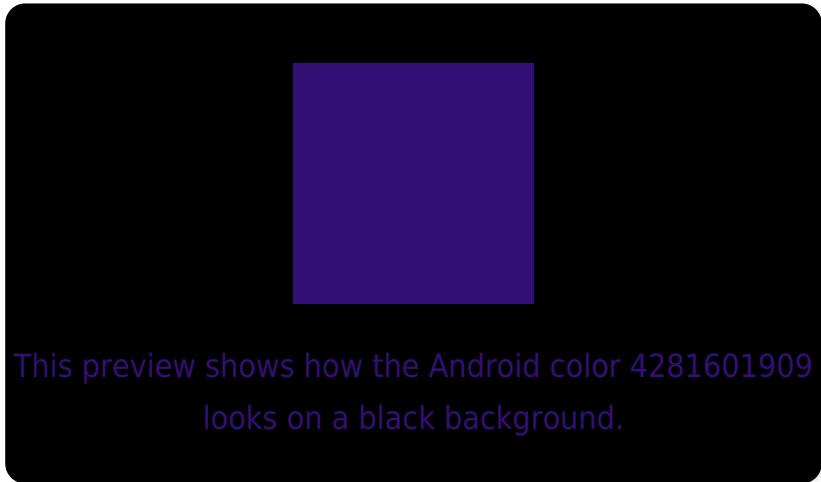
Large Text (above 18pt) WCAG AA ✓ Pass

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 4281601909 Background



This preview shows how black text looks on a background with the Android color 4281601909.



This preview shows how white text looks on a background with the Android color 4281601909.

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
4281601909

Protanopia
4278201178

Deuteranopia
4278201676



Tritanopia
4280037171

Trichromacy



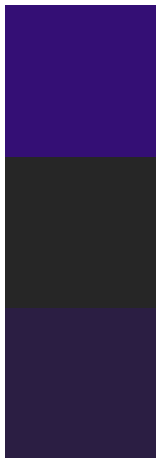
Original Color
4281601909

Protanomaly
4279443812

Deuteranomaly
4279444059

Tritanomaly
4280623947

Monochromacy



Original Color
4281601909

Achromatopsia
4280690214

Achromatomaly
4281015875

CSS Examples

Text

The CSS property to change the color of the text to Android 4281601909 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(52, 15, 117)` looks like.

```
.text, #text, p{  
    color:rgb(52, 15, 117)  
}
```

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(52, 15, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 15, 117) }
```

Border

The CSS property to change the border of an element to Android 4281601909 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(52, 15, 117) }
```

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

```
.border{ border-color:rgb(52, 15, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 15, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 15, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 15, 117);  
box-shadow:4px 4px 4px 4px rgb(52, 15,  
117) }
```

Background

The CSS property to change the background color of an element to Android 4281601909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 15, 117) }
```

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

```
.background{ background-color: rgb(52, 15,  
117) }
```

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