

Converting Colors

Android(4282421609)

Have a look what the booklet for
Android(4282421609) contains.

Android(4282421609)	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(4282421609)

Conversions

Conversions Part 1

Format	Color
Hex	409169
RGB	64, 145, 105
RGB Percent	25%, 57%, 41%
CMY	0.7490, 0.4314, 0.5882
CMYK	0.56, 0.00, 0.28, 0.43
HSL	150°, 39%, 41%
HSV	150°, 56%, 57%
XYZ	14.7896, 22.3607, 16.9012
YIQ	116.2210, -35.4360, -29.6120

Conversions

Conversions Part 2

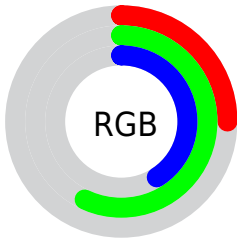
Format	Color
RYB	64, 118, 145
Decimal	4231529
CIELab	54.41, -34.55, 13.91
CIELCh	54, 37.243, 158.074
Yxy	22.3607, 0.2736, 0.4137
Android (android.graphics.Color)	4282421609 (0xFF409169)
YUV	116.2210, -5.5320, -45.7978
Hunter-Lab	47.2871, -26.9246, 11.9098

Details

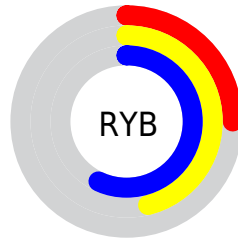
The Android color `4282421609` is a dark color, and the websafe version is hex `339966`. A complement of this color would be `4287709288`, and the grayscale version is `4285822068`.

A 20% lighter version of the original color is `4285974428`, and `4278214202` is the 20% darker color. If you saturate the color by 10%, you get `4281504098`, and if you desaturate by 10%, it is `4283404656`.

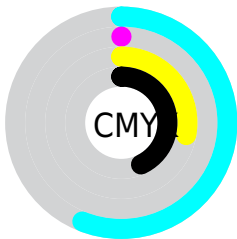
Distribution



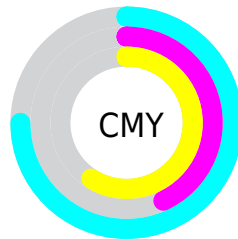
- Red (25%)
- Green (57%)
- Blue (41%)



- Red (25%)
- Yellow (46%)
- Blue (57%)



- Cyan (56%)
- Magenta (0%)
- Yellow (28%)
- Black (43%)



- Cyan (75%)
- Magenta (43%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282421609 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 4282421609 by changing the saturation by 10% instead.



4282421609



4282421609

4294967295



4280514385



4285974428



4278214202



4287816887



4278207780



4289593299



4278201871



4291493871



4278196224



4293394431



4278190080



4282421609



4282421609



4281504098



4283404656



4280521051



4284322167

■ 4279603540

■ 4285305214

■ 4278620492

■ 4286222726

■ 4278227273

■ 4287205773

■ 4288123284

■ 4289040795

■ 4290023842

■ 4291006889

Harmonies

Analogous

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



4285238350



4282421609



4278227850

Triad

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



4282421609



4284383938



4290473308

Complementary

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



4282421609



4287709288

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.



4290734203



4282421609



4287723189

Square

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



4282421609



4278226109



4289817755



4289361991

Rectangle

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



4282421609



4278227615



4289817755



4290669158

Sweetspot

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



4282421609



4288527789



4285108544



4283129429



4292796126



4284374622

Same Dimension

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



4282421609



4282301822



4282421649



4282402628



4278224708



4278192132

Inverse Universe

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



4287709288



4290592381



4287709248



4282859588



4287037507



4278714372

Previews

White Background



This preview shows how the Android color 4282421609 looks on a white background.

Color Contrast Check

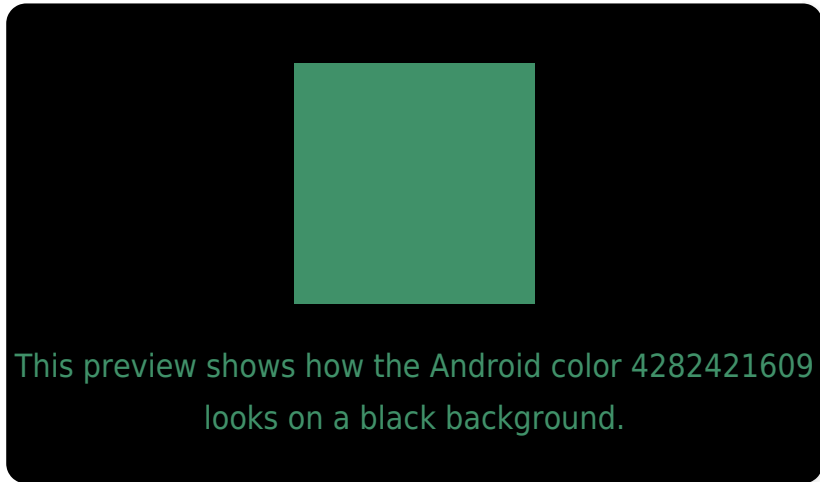
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



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 4282421609 Background



This preview shows how black text looks on a background with the Android color 4282421609.



This preview shows how white text looks on a background with the Android color 4282421609.

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
4282421609

Protanopia
4287267170

Deuteranopia
4287986798

Trichromacy



Original Color
4282421609

Protanomaly
4285499237

Deuteranomaly
4285957228

Tritanomaly
4283010438

Monochromacy



Original Color
4282421609

Achromatopsia
4285822068

Achromatomaly
4284579696

CSS Examples

Text

The CSS property to change the color of the text to Android 4282421609 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(64, 145, 105)` looks like.

```
.text, #text, p{  
    color:rgb(64, 145, 105)  
}
```

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(64, 145, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 145, 105) }
```

Border

The CSS property to change the border of an element to Android 4282421609 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(64, 145, 105) }
```

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

```
.border{ border-color:rgb(64, 145, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 145, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 145, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 145, 105);  
box-shadow:4px 4px 4px 4px rgb(64, 145,  
105) }
```

Background

The CSS property to change the background color of an element to Android 4282421609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 145, 105) }
```

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

```
.background{ background-color: rgb(64, 145,  
105) }
```

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