

Converting Colors

Android(4281609936)

Have a look what the booklet for
Android(4281609936) contains.

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Color

Android(4281609936)

Conversions

Conversions Part 1

Format	Color
Hex	342ED0
RGB	52, 46, 208
RGB Percent	20%, 18%, 82%
CMY	0.7961, 0.8196, 0.1843
CMYK	0.75, 0.78, 0.00, 0.18
HSL	242°, 64%, 50%
HSV	242°, 78%, 82%
XYZ	13.7783, 7.2381, 60.3454
YIQ	66.2620, -48.4260, 51.6540

Conversions

Conversions Part 2

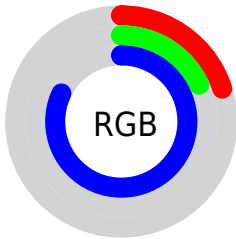
Format	Color
RYB	52, 46, 208
Decimal	3419856
CIELab	32.34, 54.28, -80.93
CIELCh	32, 97.451, 303.850
Yxy	7.2381, 0.1693, 0.0890
Android (android.graphics.Color)	4281609936 (0xFF342ED0)
YUV	66.2620, 69.8768, -12.5078
Hunter-Lab	26.9038, 44.3344, -114.1555

Details

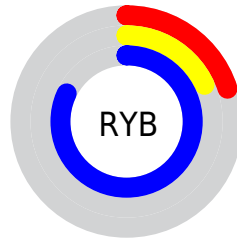
The Android color `4281609936` is a dark color, and the websafe version is hex `3333CC`. The color can be described as dark washed blue. A complement of this color would be `4291481646`, and the grayscale version is `4282532418`.

A 20% lighter version of the original color is `4286275583`, and `4278190232` is the 20% darker color. If you saturate the color by 10%, you get `4280293840`, and if you desaturate by 10%, it is `4282926032`.

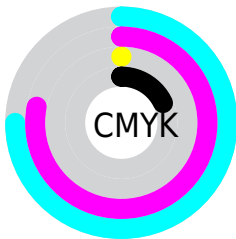
Distribution



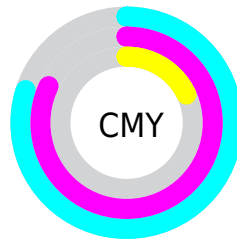
- Red (20%)
- Green (18%)
- Blue (82%)



- Red (20%)
- Yellow (18%)
- Blue (82%)



- Cyan (75%)
- Magenta (78%)
- Yellow (0%)
- Black (18%)





- Cyan (80%)
- Magenta (82%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281609936 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 4281609936 by changing the saturation by 10% instead.

 4281609936

 4281609936

4294967295

 4278195636

 4286275583

 4278190232

 4288379391

 4278190205

 4290417663

 4278190179

 4292456447

 4278192458


 4294494975

 4278191154

 4294961151

 4278190620

 4278190080

 4281609936

 4281609936

■ 4280293840

■ 4282926032

■ 4278977744

■ 4284242128

■ 4278714576

■ 4285557968

■ 4286874064

■ 4288190160

■ 4289506256

■ 4290822352

■ 4292138192

■ 4293454288

Harmonies

Analogous

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



4278212588



4281609936



4289200274

Triad

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



4281609936



4287636736



4278216021

Complementary

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



4281609936



4291481646

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.



4278215168



4281609936



4283780608

Square

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



4281609936



4290314240



4278213888



4278216610

Rectangle

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



4281609936



4290838624



4278213888



4278215737

Sweetspot

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



4281609936



4291282175



4281256912



4284308608



4278190080



4286611584

Same Dimension

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



4281609936



4279964415



4286852816



4284374633



4278583464



4278321193

Inverse Universe

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



4291833546



4294906614



4286238766



4285095528



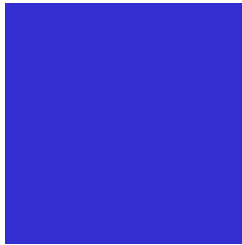
4289200290



4280877095

Previews

White Background



This preview shows how the Android color 4281609936 looks on a white background.

Color Contrast Check

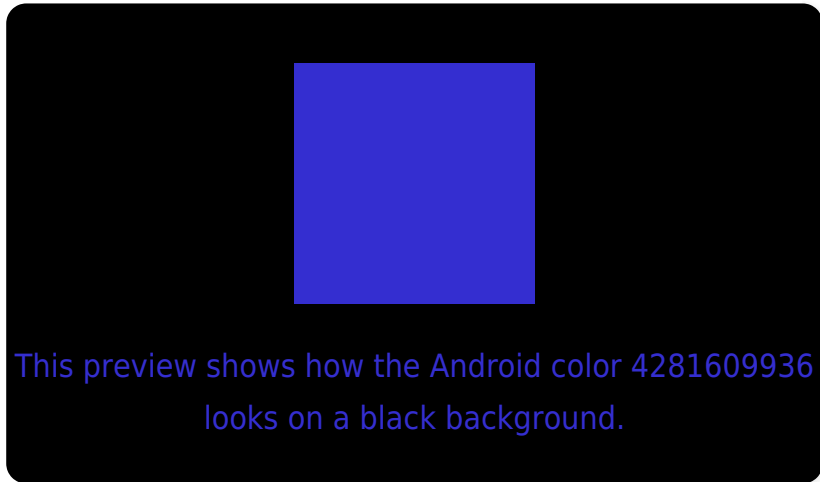
Large Text (above 18pt) WCAG AA ✓ Pass

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 4281609936 Background



This preview shows how black text looks on a background with the Android color 4281609936.



This preview shows how white text looks on a background with the Android color 4281609936.

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

4281609936

Protanopia

4278208922

Deuteranopia

4278210179

Trichromacy



Original Color
4281609936

Protanomaly
4279451566

Deuteranomaly
4279452319

Tritanomaly
4279453316

Monochromacy



Original Color
4281609936

Achromatopsia
4282532418

Achromatomaly
4282202998

CSS Examples

Text

The CSS property to change the color of the text to Android 4281609936 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, 46, 208)` looks like.

```
.text, #text, p{  
    color:rgb(52, 46, 208)  
}
```

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, 46, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 46, 208) }
```

Border

The CSS property to change the border of an element to Android 4281609936 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, 46, 208) }
```

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

```
.border{ border-color:rgb(52, 46, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 46, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 46, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 46, 208);  
box-shadow:4px 4px 4px 4px rgb(52, 46,  
208) }
```

Background

The CSS property to change the background color of an element to Android 4281609936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 46, 208) }
```

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

```
.background{ background-color: rgb(52, 46,  
208) }
```

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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