

Converting Colors

Android(4281756409)

Have a look what the booklet for
Android(4281756409) contains.

Android(4281756409)	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(4281756409)

Conversions

Conversions Part 1

Format	Color
Hex	366AF9
RGB	54, 106, 249
RGB Percent	21%, 42%, 98%
CMY	0.7882, 0.5843, 0.0235
CMYK	0.78, 0.57, 0.00, 0.02
HSL	224°, 94%, 59%
HSV	224°, 78%, 98%
XYZ	23.7742, 17.9319, 91.8307
YIQ	106.7540, -76.8950, 33.4490

Conversions

Conversions Part 2

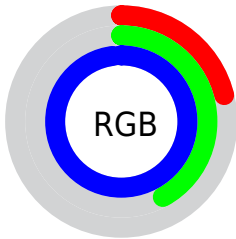
Format	Color
R _Y B	54, 95, 249
Decimal	3566329
CIE Lab	49.41, 33.08, -76.18
CIE LCh	49, 83.052, 293.473
Yxy	17.9319, 0.1780, 0.1343
Android (android.graphics.Color)	4281756409 (0xFF366AF9)
YUV	106.7540, 70.1273, -46.2653
Hunter-Lab	42.3461, 26.1092, -98.9327

Details

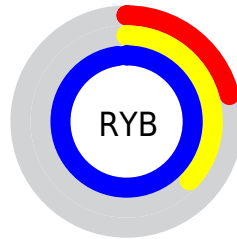
The Android color `4281756409` is a dark color, and the websafe version is hex `3366FF`. The color can be described as middle washed azure. A complement of this color would be `4294559030`, and the grayscale version is `4285164138`.

A 20% lighter version of the original color is `4286684671`, and `4278205631` is the 20% darker color. If you saturate the color by 10%, you get `4280113401`, and if you desaturate by 10%, it is `4283399417`.

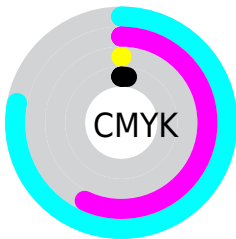
Distribution



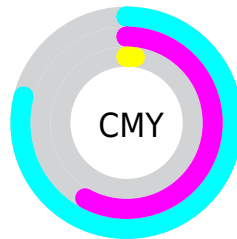
- Red (21%)
- Green (42%)
- Blue (98%)



- Red (21%)
- Yellow (37%)
- Blue (98%)



- Cyan (78%)
- Magenta (57%)
- Yellow (0%)
- Black (2%)




- Cyan (79%)
- Magenta (58%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281756409 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 4281756409 by changing the saturation by 10% instead.

 4281756409

 4281756409

4294967295

 4278211292

 4286684671

 4278205631

 4288854015

 4278200484

 4290892799

 4278195848

 4292997119

 4278190190

 4278193237

 4278191676

 4278190630

 4278190351

■ 4281756409

■ 4281756409

■ 4280113401

■ 4283399417

■ 4278470137

■ 4285042681

■ 4278207225

■ 4286685689

■ 4288328697

■ 4289971705

■ 4291549433

■ 4293192441

■ 4294835449

■ 4294967289

Harmonies

Analogous

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



4278224127



4281756409



4290264779

Triad

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



4281756409



4291709440



4278227299

Complementary

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



4281756409



4294559030

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.



4278226190



4281756409



4288441600

Square

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



4281756409



4293526339



4284056064



4278227884

Rectangle

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



4281756409



4292610207



4284056064



4278227018

Sweetspot

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



4281756409



4291089663



4281792965



4284245376



4278190080



4286611584

Same Dimension

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



4281756409



4279193599



4284757753



4285559933



4278203069



4278194237

Inverse Universe

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



4294522474



4294905679



4291557686



4286410868



4290576434



4282187792

Previews

White Background



This preview shows how the Android color 4281756409 looks on a white background.

Color Contrast Check

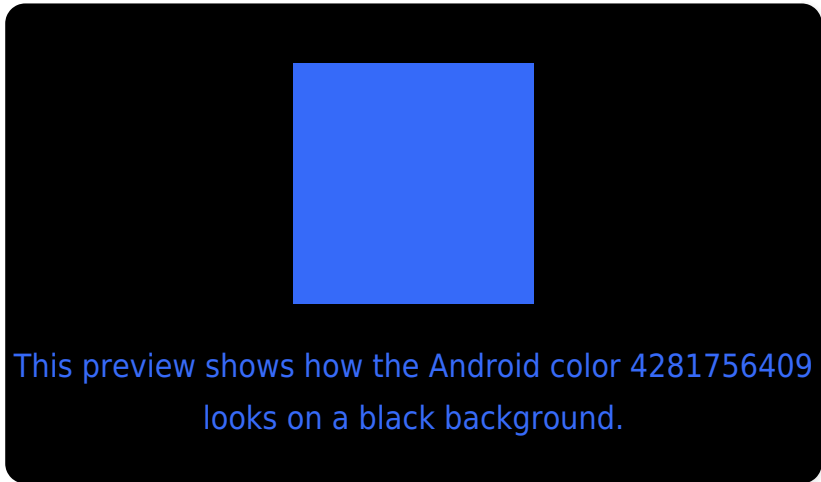
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × 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 4281756409 Background



This preview shows how black text looks on a background with the Android color 4281756409.



This preview shows how white text looks on a background with the Android color 4281756409.

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



Trichromacy



Original Color
4281756409

Protanomaly
4279529202

Deuteranomaly
4279530205

Tritanomaly
4279531954

Monochromacy



Original Color
4281756409

Achromatopsia
4285229931

Achromatomaly
4283984799

CSS Examples

Text

The CSS property to change the color of the text to Android 4281756409 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(54, 106, 249)` looks like.

```
.text, #text, p{  
    color:rgb(54, 106, 249)  
}
```

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(54, 106, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 106, 249) }
```

Border

The CSS property to change the border of an element to Android 4281756409 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(54, 106, 249) }
```

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

```
.border{ border-color:rgb(54, 106, 249) }
```

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

Here you see how a box with a 4 pixel rgb(54, 106, 249) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 106, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 106, 249);  
box-shadow:4px 4px 4px 4px rgb(54, 106,  
249) }
```

Background

The CSS property to change the background color of an element to Android 4281756409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 106, 249) }
```

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

```
.background{ background-color: rgb(54, 106,  
249) }
```

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