

Converting Colors

Android(4286419431)

Have a look what the booklet for
Android(4286419431) contains.

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Color

Android(4286419431)

Conversions

Conversions Part 1

Format	Color
Hex	7D91E7
RGB	125, 145, 231
RGB Percent	49%, 57%, 91%
CMY	0.5098, 0.4314, 0.0941
CMYK	0.46, 0.37, 0.00, 0.09
HSL	229°, 69%, 70%
HSV	229°, 46%, 91%
XYZ	33.0067, 30.3803, 79.7257
YIQ	148.8240, -39.5260, 22.5060

Conversions

Conversions Part 2

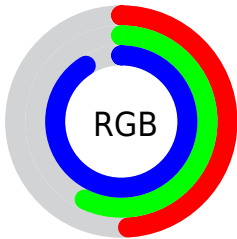
Format	Color
RYB	125, 142, 231
Decimal	8229351
CIELab	61.98, 15.32, -45.81
CIElCh	62, 48.308, 288.490
Yxy	30.3803, 0.2306, 0.2123
Android (android.graphics.Color)	4286419431 (0xFF7D91E7)
YUV	148.8240, 40.5128, -20.8936
Hunter-Lab	55.1183, 10.4346, -47.1769

Details

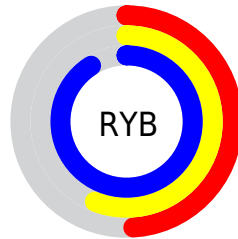
The Android color `4286419431` is a light color, and the websafe version is hex `6699FF`. A complement of this color would be `4293383037`, and the grayscale version is `4287927444`.

A 20% lighter version of the original color is `4290168831`, and `4282671023` is the 20% darker color. If you saturate the color by 10%, you get `4284907239`, and if you desaturate by 10%, it is `4287931623`.

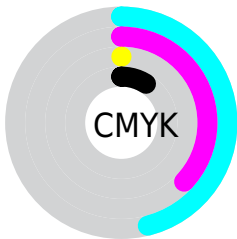
Distribution



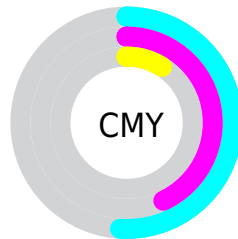
- Red (49%)
- Green (57%)
- Blue (91%)



- Red (49%)
- Yellow (56%)
- Blue (91%)



- Cyan (46%)
- Magenta (37%)
- Yellow (0%)
- Black (9%)



- Cyan (51%)
- Magenta (43%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Android color 4286419431 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 4286419431 by changing the saturation by 10% instead.

 4286419431

 4286419431

4294967295

 4284577739

 4290168831

 4282671023

 4292076543

 4280502420

 4293984255

 4278203002

 4278197600

 4278190920

 4278191153

 4278190363

 4278190080

■ 4286419431

■ 4286419431

■ 4284907239

■ 4287931623

■ 4283395303

■ 4289443559

■ 4281883111

■ 4290955751

■ 4280370919

■ 4292467943

■ 4278793191

■ 4294045671

■ 4278201575

■ 4294967271

Harmonies

Analogous

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



4278231017



4286419431



4290412751

Triad

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



4286419431



4292509271



4278233731

Complementary

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



4286419431



4293383037

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.



4284720475



4286419431



4290612800

Square

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



4286419431



4293292669



4287994945



4278234032

Rectangle

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



4286419431



4292114102



4287994945



4281575797

Sweetspot

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



4286419431



4292600575



4286441426



4285165184



4278190080



4286611584

Same Dimension

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



4286419431



4285763071



4288511463



4284967283



4278198963



4278192691

Inverse Universe

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



4293361041



4294931341



4291291005



4285753193



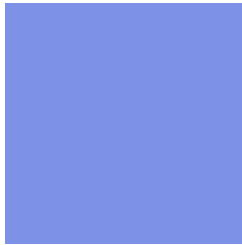
4289921058



4281532426

Previews

White Background



This preview shows how the Android color 4286419431 looks on a white background.

Color Contrast Check

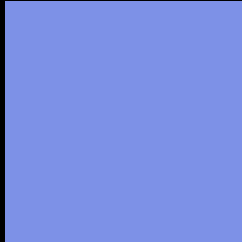
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Android color 4286419431 looks on a 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4286419431 Background



This preview shows how black text looks on a background with the Android color 4286419431.



This preview shows how white text looks on a background with the Android color 4286419431.

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
4286419431

Protanopia
4285961192

Deuteranopia
4285371878

Trichromacy



Original Color
4286419431

Protanomaly
4286157544

Deuteranomaly
4285764838

Tritanomaly
4285700544

Monochromacy



Original Color
4286419431

Achromatopsia
4287993237

Achromatomaly
4287403187

CSS Examples

Text

The CSS property to change the color of the text to Android 4286419431 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(125, 145, 231)` looks like.

```
.text, #text, p{  
    color:rgb(125, 145, 231)  
}
```

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(125, 145, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 145, 231) }
```

Border

The CSS property to change the border of an element to Android 4286419431 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(125, 145, 231) }
```

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

```
.border{ border-color:rgb(125, 145, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 145, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 145, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 145, 231);  
box-shadow:4px 4px 4px 4px rgb(125, 145,  
231) }
```

Background

The CSS property to change the background color of an element to Android 4286419431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 145, 231) }
```

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

```
.background{ background-color: rgb(125,  
145, 231) }
```

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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