

Converting Colors

Android(4278207231)

Have a look what the booklet for
Android(4278207231) contains.

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Color

Android(4278207231)

Conversions

Conversions Part 1

Format	Color
Hex	0042FF
RGB	0, 66, 255
RGB Percent	0%, 26%, 100%
CMY	1.0000, 0.7412, 0.0000
CMYK	1.00, 0.74, 0.00, 0.00
HSL	224°, 100%, 50%
HSV	224°, 100%, 100%
XYZ	19.9982, 11.1164, 95.6994
YIQ	67.8120, -100.0050, 44.7870

Conversions

Conversions Part 2

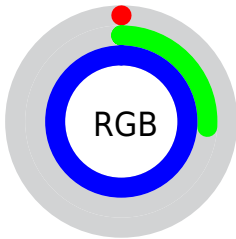
Format	Color
<code>RYB</code>	<code>0, 52, 255</code>
Decimal	<code>17151</code>
CIELab	<code>39.78, 56.97, -95.41</code>
CIElCh	<code>40, 111.129, 300.842</code>
Yxy	<code>11.1164, 0.1577, 0.0877</code>
Android (<code>android.graphics.Color</code>)	<code>4278207231</code> (<code>0xFF0042FF</code>)
YUV	<code>67.8120, 92.2837, -59.4711</code>
Hunter-Lab	<code>33.3413, 48.7175, -146.8409</code>

Details

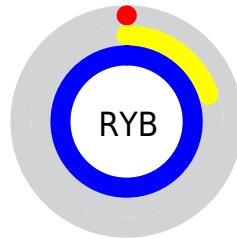
The Android color `4278207231` is a dark color, and the websafe version is hex `0033FF`. The color can be described as dark saturated blue. A complement of this color would be `4294950144`, and the grayscale version is `4282598211`.

A 20% lighter version of the original color is `4285887487`, and `4278195653` is the 20% darker color. If you saturate the color by 10%, you get `4278207231`, and if you desaturate by 10%, it is `4279850495`.

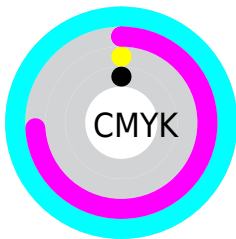
Distribution



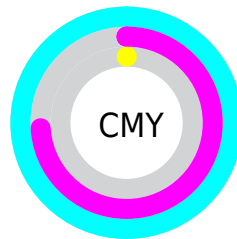
- Red (0%)
- Green (26%)
- Blue (100%)



- Red (0%)
- Yellow (20%)
- Blue (100%)



- Cyan (100%)
- Magenta (74%)
- Yellow (0%)
- Black (0%)



- Cyan (100%)
- Magenta (74%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278207231 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 4278207231 by changing the saturation by 10% instead.

 4278207231

 4278207231

4294967295

 4278201313

 4285887487

 4278195653

 4288187903

 4278191016

 4290423039

 4278190221

 4292527359

 4278193266

 4294697215

 4278193496

4294966783


 4278191936

 4278190889

 4278190355

 4278207231

 4279850495

 4281559295

 4283268095

 4284911359

 4286620159

 4288263167

 4289971967

 4291615231

 4293324031

Harmonies

Analogous

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



4278218239



4278207231



4290969784

Triad

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



4278207231



4289996544



4278221662

Complementary

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



4278207231



4294950144

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.



4278220800



4278207231



4285619200

Square

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



4278207231



4293001222



4278218752



4278222267

Rectangle

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



4278207231



4293197950



4278218752



4278221374

Sweetspot

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



4278207231



4289971967



4278255547



4283587968



4278190080



4286611584

Same Dimension

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



4278207231



4282122495



4285757056



4278202815



4278194240

Inverse Universe

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



4294901826



4291034880



4286608246



4290707505



4282384400

Previews

White Background



This preview shows how the Android color 4278207231 looks on a white background.

Color Contrast Check

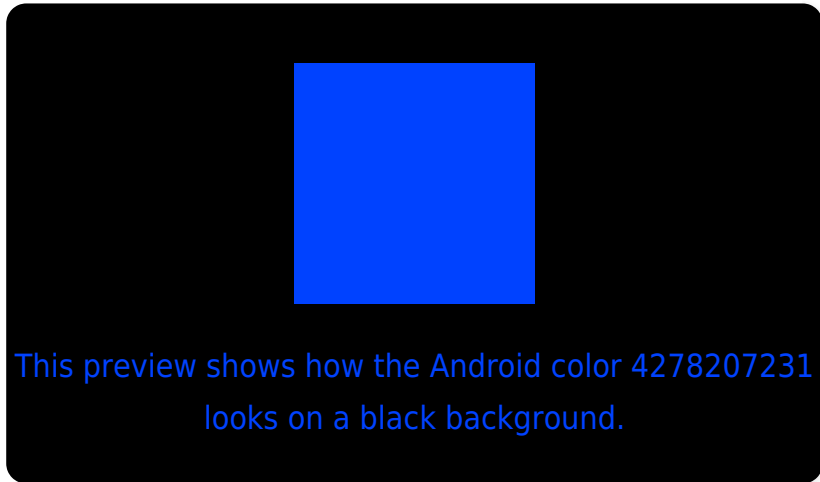
Large Text (above 18pt) WCAG AA ✓ Pass

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

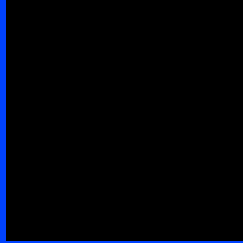
Any Text WCAG AA × Fail

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 4278207231 Background



This preview shows how black text looks on a background with the Android color 4278207231.



This preview shows how white text looks on a background with the Android color 4278207231.

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

4278207231

Protanopia

4278213309

Deuteranopia

4278214816

Trichromacy



Original Color
4278207231

Protanomaly
4278211029

Deuteranomaly
4278212035

Tritanomaly
4278213281

Monochromacy



Original Color
4278207231

Achromatopsia
4282664004

Achromatomaly
4281025416

CSS Examples

Text

The CSS property to change the color of the text to Android 4278207231 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(0, 66, 255)` looks like.

```
.text, #text, p{  
    color:rgb(0, 66, 255)  
}
```

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(0, 66, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 66, 255) }
```

Border

The CSS property to change the border of an element to Android 4278207231 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(0, 66, 255) }
```

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

```
.border{ border-color:rgb(0, 66, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 66, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 66, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 66, 255);  
box-shadow:4px 4px 4px 4px rgb(0, 66, 255)  
}
```

Background

The CSS property to change the background color of an element to Android 4278207231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 66, 255) }
```

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

```
.background{ background-color: rgb(0, 66,  
255) }
```

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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