

# Converting Colors

Android(4286222063)

Have a look what the booklet for  
Android(4286222063) contains.

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# **Color**

**Android(4286222063)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7A8EEF
RGB	122, 142, 239
RGB Percent	48%, 56%, 94%
CMY	0.5216, 0.4431, 0.0627
CMYK	0.49, 0.41, 0.00, 0.06
HSL	230°, 79%, 71%
HSV	230°, 49%, 94%
XYZ	33.2790, 29.7156, 85.6430
YIQ	147.0780, -43.0570, 25.9270

# Conversions

## Conversions Part 2

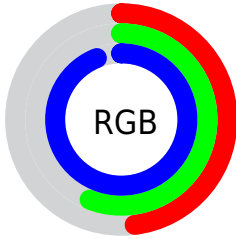
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">122, 139, 239</a>
Decimal	<a href="#">8031983</a>
CIELab	<a href="#">61.41, 18.75, -51.16</a>
CIElCh	<a href="#">61, 54.485, 290.133</a>
Yxy	<a href="#">29.7156, 0.2239, 0.1999</a>
Android (android.graphics.Color)	<a href="#">4286222063 (0xFF7A8EEF)</a>
YUV	<a href="#">147.0780, 45.3175, -21.9934</a>
Hunter-Lab	<a href="#">54.5120, 13.5765, -54.9913</a>

# Details

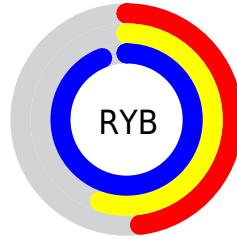
The Android color `4286222063` is a light color, and the websafe version is hex `6699FF`. A complement of this color would be `4293909370`, and the grayscale version is `4287861651`.

A 20% lighter version of the original color is `4290036735`, and `4282277046` is the 20% darker color. If you saturate the color by 10%, you get `4284644079`, and if you desaturate by 10%, it is `4287800047`.

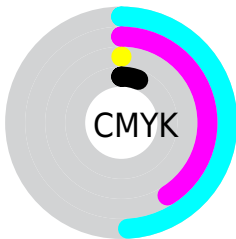
# Distribution



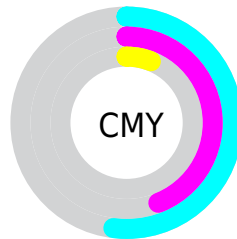
- Red (48%)
- Green (56%)
- Blue (94%)



- Red (48%)
- Yellow (55%)
- Blue (94%)



- Cyan (49%)
- Magenta (41%)
- Yellow (0%)
- Black (6%)



- Cyan (52%)
- Magenta (44%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286222063 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 4286222063 by changing the saturation by 10% instead.



 4286222063

 4286222063

4294967295

 4284315090

 4290036735

 4282277046

 4291944447

 4279780763

 4293917951

 4278202241

 4278197095

 4278190158

 4278191415

 4278190624

 4278190085

■ 4286222063

■ 4286222063

■ 4284644079

■ 4287800047

■ 4283066095

■ 4289378031

■ 4281488367

■ 4290955759

■ 4279910383

■ 4292533743

■ 4278332399

■ 4294111727

■ 4278200815

■ 4294967279

# Harmonies

## Analogous

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



4278230771



4286222063



4290738899

# Triad

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



4286222063



4292704587



4278233986

# Complementary

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



4286222063



4293909370

# 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.



4283803219



4286222063



4290546736

# Square

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



4286222063



4293749622



4287601715



4278234292

# Rectangle

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



4286222063



4292570806



4287601715



4278233714



# Sweetspot

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



4286222063



4292468735



4286246874



4285099136



4278190080



4286611584



# Same Dimension

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



4286222063



4285104895



4288641775



4285296248



4278198200



4278192696



# Inverse Universe

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



4293884558



4294928770



4291489658



4286082158



4290248735

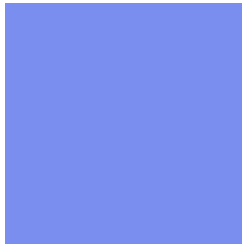


4281860106



# Previews

## White Background



This preview shows how the Android color 4286222063 looks on a white background.

## Color Contrast Check

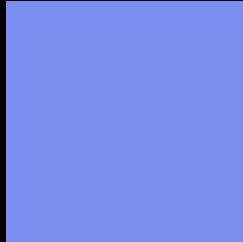
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



This preview shows how the Android color 4286222063 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 × Fail

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



# Android 4286222063 Background



This preview shows how black text looks on a background with the Android color 4286222063.



This preview shows how white text looks on a background with the Android color 4286222063.

# 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**  
4286222063

**Protanopia**  
4285370865

**Deuteranopia**  
4284454126



# Trichromacy



**Original Color**  
4286222063

**Protanomaly**  
4285698288

**Deuteranomaly**  
4285108974

**Tritanomaly**  
4285372611

# Monochromacy



**Original Color**  
4286222063

**Achromatopsia**  
4287861651

**Achromatomaly**  
4287271348

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286222063 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(122, 142, 239)` looks like.

```
.text, #text, p{  
    color:rgb(122, 142, 239)  
}
```

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(122, 142, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 142, 239) }
```

## Border

The CSS property to change the border of an element to Android 4286222063 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(122, 142, 239) }
```

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

```
.border{ border-color:rgb(122, 142, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 142, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 142, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 142, 239);  
box-shadow:4px 4px 4px 4px rgb(122, 142,  
239) }
```

# Background

The CSS property to change the background color of an element to Android 4286222063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 142, 239) }
```

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

```
.background{ background-color: rgb(122,  
142, 239) }
```

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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