

# Converting Colors

Android(4286423002)

Have a look what the booklet for  
Android(4286423002) contains.

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# **Color**

**Android(4286423002)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7D9FDA
RGB	125, 159, 218
RGB Percent	49%, 62%, 85%
CMY	0.5098, 0.3765, 0.1451
CMYK	0.43, 0.27, 0.00, 0.15
HSL	218°, 56%, 67%
HSV	218°, 43%, 85%
XYZ	33.5105, 34.2182, 71.1682
YIQ	155.5600, -39.2030, 11.1410

# Conversions

## Conversions Part 2

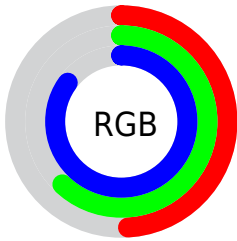
Format	Color
<a href="#">RYB</a>	<a href="#">125, 150, 218</a>
Decimal	<a href="#">8232922</a>
CIELab	<a href="#">65.14, 3.50, -33.68</a>
CIELCh	<a href="#">65, 33.862, 275.938</a>
Yxy	<a href="#">34.2182, 0.2413, 0.2464</a>
Android (android.graphics.Color)	<a href="#">4286423002 (0xFF7D9FDA)</a>
YUV	<a href="#">155.5600, 30.7829, -26.8011</a>
Hunter-Lab	<a href="#">58.4963, -0.1122, -31.1864</a>

# Details

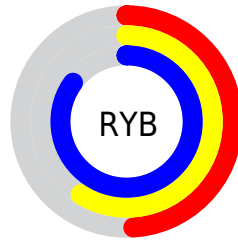
The Android color `4286423002` is a light color, and the websafe version is hex `6699CC`. A complement of this color would be `4292524157`, and the grayscale version is `4288387995`.

A 20% lighter version of the original color is `4290106879`, and `4282805411` is the 20% darker color. If you saturate the color by 10%, you get `4284977626`, and if you desaturate by 10%, it is `4287868378`.

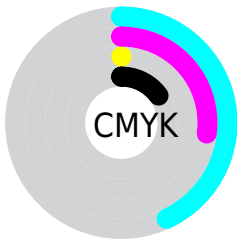
# Distribution



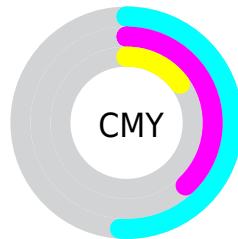
- Red (49%)
- Green (62%)
- Blue (85%)



- Red (49%)
- Yellow (59%)
- Blue (85%)



- Cyan (43%)
- Magenta (27%)
- Yellow (0%)
- Black (15%)



- Cyan (51%)
- Magenta (38%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286423002 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 4286423002 by changing the saturation by 10% instead.



 4286423002

 4286423002

4294967295

 4284646846

 4290106879

 4282805411

 4291949311

 4280898696

 4293918719

 4278205807

 4278200406

 4278195006

 4278190888

 4278190354

 4278190080

■ 4286423002

■ 4286423002

■ 4284977626

■ 4287868378

■ 4283532250

■ 4289313754

■ 4282152666

■ 4290693338

■ 4280707290

■ 4292138714

■ 4279261914

■ 4293584090

■ 4278210778

■ 4294963930

■ 4294967258

# Harmonies

## Analogous

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



4283148501



4286423002



4289369295

# Triad

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



4286423002



4292316028



4284984452

# Complementary

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



4286423002



4292524157

# 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.



4287407980



4286423002



4291269735

# Square

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



4286423002



4292446105



4289568353



4282429091

# Rectangle

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



4286423002



4290874816



4289568353



4285836155

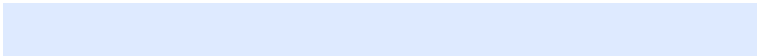


# Sweetspot

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



4286423002



4292799231



4286438072



4285232000



4278190080



4286611584



# Same Dimension

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



4286423002



4286426367



4287200730



4284704622



4278206381



4278194478



# Inverse Universe

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



4292509087



4294933932



4291746429



4285424487



4289527871

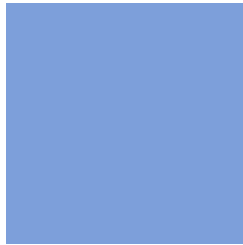


4281204753



# Previews

## White Background



This preview shows how the Android color 4286423002 looks on a white background.

## Color Contrast Check

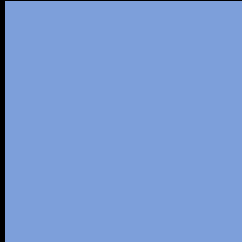
Large Text (above 18pt) WCAG AA × Fail

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 4286423002 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 4286423002 Background



This preview shows how black text looks on a background with the Android color 4286423002.

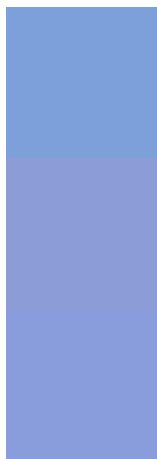


This preview shows how white text looks on a background with the Android color 4286423002.

# 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**

4286423002

**Protanopia**

4287405271

**Deuteranopia**

4287208667



# Trichromacy



**Original Color**  
4286423002

**Protanomaly**  
4287077848

**Deuteranomaly**  
4286946779

**Tritanomaly**  
4286030786

# Monochromacy



**Original Color**  
4286423002

**Achromatopsia**  
4288453788

**Achromatomaly**  
4287733171

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286423002 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, 159, 218)` looks like.

```
.text, #text, p{  
    color:rgb(125, 159, 218)  
}
```

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, 159, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 159, 218) }
```

## Border

The CSS property to change the border of an element to Android 4286423002 is called "border". The border property can be set on classes, ids or directly on the HTML element.

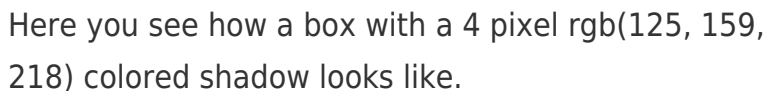
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(125, 159, 218) }
```

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

```
.border{ border-color:rgb(125, 159, 218) }
```

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



Here you see how a box with a 4 pixel rgb(125, 159, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 159, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 159, 218);  
box-shadow:4px 4px 4px 4px rgb(125, 159,  
218) }
```

# Background

The CSS property to change the background color of an element to Android 4286423002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 159, 218) }
```

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

```
.background{ background-color: rgb(125,  
159, 218) }
```

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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