

# Converting Colors

Android(4286221251)

Have a look what the booklet for  
Android(4286221251) contains.

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# **Color**

**Android(4286221251)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7A8BC3
RGB	122, 139, 195
RGB Percent	48%, 55%, 76%
CMY	0.5216, 0.4549, 0.2353
CMYK	0.37, 0.29, 0.00, 0.24
HSL	226°, 38%, 62%
HSV	226°, 37%, 76%
XYZ	27.1090, 26.5429, 55.3243
YIQ	140.3010, -28.1080, 13.8120

# Conversions

## Conversions Part 2

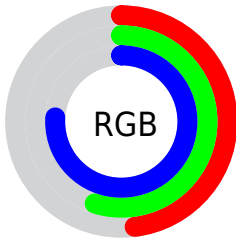
Format	Color
<a href="#">RYB</a>	<a href="#">122, 136, 195</a>
Decimal	<a href="#">8031171</a>
CIELab	<a href="#">58.55, 7.79, -31.06</a>
CIELCh	<a href="#">59, 32.024, 284.087</a>
Yxy	<a href="#">26.5429, 0.2488, 0.2436</a>
Android (android.graphics.Color)	<a href="#">4286221251 (0xFF7A8BC3)</a>
YUV	<a href="#">140.3010, 26.9666, -16.0500</a>
Hunter-Lab	<a href="#">51.5198, 3.7643, -27.6043</a>

# Details

The Android color `4286221251` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `4291015290`, and the grayscale version is `4287401100`.

A 20% lighter version of the original color is `4289839356`, and `4282800525` is the 20% darker color. If you saturate the color by 10%, you get `4284972227`, and if you desaturate by 10%, it is `4287535811`.

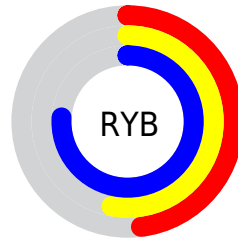
# Distribution



Red (48%)

Green (55%)

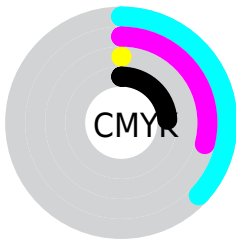
Blue (76%)



Red (48%)

Yellow (53%)

Blue (76%)

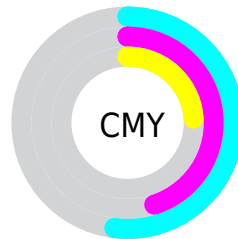


Cyan (37%)

Magenta (29%)

Yellow (0%)

Black (24%)



Cyan (52%)

Magenta (45%)

Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286221251 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 4286221251 by changing the saturation by 10% instead.



 4286221251

 4286221251

4294967295

 4284510888

 4289839356

 4282800525

 4291681535

 4281025139

 4293523967

 4278987866

 4278196291

 4278190636

 4278190359

 4278190080

 4286221251

 4286221251

■ 4284972227

■ 4287535811

■ 4283657667

■ 4288784835

■ 4282408643

■ 4290099395

■ 4281094083

■ 4291348419

■ 4279779523

■ 4292597443

■ 4278530499

■ 4293912003

■ 4278201795

■ 4294964419

■ 4294967235

# Harmonies

## Analogous

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



4283143362



4286221251



4288774581

# Triad

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



4286221251



4290674023



4283472764

# Complementary

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



4286221251



4291015290

# 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.



4285765476



4286221251



4289496663

# Square

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



4286221251



4291065728



4287795030



4280982681

# Rectangle

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



4286221251



4289952678



4287795030



4284258931



# Sweetspot

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



4286221251



4292995068



4286235570



4285494144



4278190080



4286611584



# Same Dimension

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



4286221251



4287342076



4287462083



4283914593



4278199713



4278192161



# Inverse Universe

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



4291000971



4294740901



4289774458



4284569433



4288741413

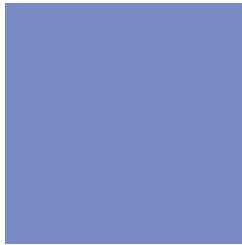


4280352776



# Previews

## White Background



This preview shows how the Android color 4286221251 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 4286221251 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 4286221251 Background



This preview shows how black text looks on a background with the Android color 4286221251.



This preview shows how white text looks on a background with the Android color 4286221251.

# 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**

4286221251

**Protanopia**

4286352323

**Deuteranopia**

4286221251



# Trichromacy



**Original Color**

4286221251

**Protanomaly**

4286286787

**Deuteranomaly**

4286221251

**Tritanomaly**

4285829035

# Monochromacy



**Original Color**

4286221251

**Achromatopsia**

4287401100

**Achromatomaly**

4286942368

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286221251 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, 139, 195)` looks like.

```
.text, #text, p{  
    color:rgb(122, 139, 195)  
}
```

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, 139, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 139, 195) }
```

## Border

The CSS property to change the border of an element to Android 4286221251 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, 139, 195) }
```

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

```
.border{ border-color:rgb(122, 139, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 139, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 139, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 139, 195);  
box-shadow:4px 4px 4px 4px rgb(122, 139,  
195) }
```

# Background

The CSS property to change the background color of an element to Android 4286221251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 139, 195) }
```

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

```
.background{ background-color: rgb(122,  
139, 195) }
```

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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