

# Converting Colors

Android(4286817501)

Have a look what the booklet for  
Android(4286817501) contains.

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# **Color**

**Android(4286817501)**

# Conversions

## Conversions Part 1

Format	Color
Hex	83A4DD
RGB	131, 164, 221
RGB Percent	51%, 64%, 87%
CMY	0.4863, 0.3569, 0.1333
CMYK	0.41, 0.26, 0.00, 0.13
HSL	218°, 57%, 69%
HSV	218°, 41%, 87%
XYZ	35.6867, 36.5967, 73.5896
YIQ	160.6310, -37.9650, 10.7310

# Conversions

## Conversions Part 2

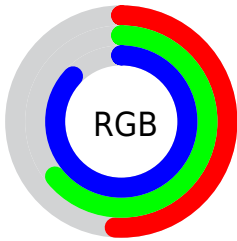
Format	Color
<a href="#">RYB</a>	<a href="#">131, 155, 221</a>
Decimal	<a href="#">8627421</a>
CIELab	<a href="#">66.97, 3.07, -32.46</a>
CIELCh	<a href="#">67, 32.603, 275.398</a>
Yxy	<a href="#">36.5967, 0.2446, 0.2509</a>
Android (android.graphics.Color)	<a href="#">4286817501 (0xFF83A4DD)</a>
YUV	<a href="#">160.6310, 29.7619, -25.9864</a>
Hunter-Lab	<a href="#">60.4952, -0.5677, -29.7769</a>

# Details

The Android color `4286817501` is a light color, and the websafe version is hex `6699CC`. A complement of this color would be `4292721795`, and the grayscale version is `4288716960`.

A 20% lighter version of the original color is `4290501631`, and `4283265190` is the 20% darker color. If you saturate the color by 10%, you get `4285372125`, and if you desaturate by 10%, it is `4288262877`.

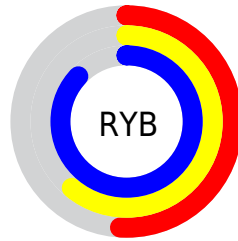
# Distribution



Red (51%)

Green (64%)

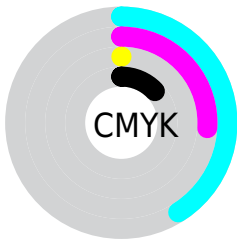
Blue (87%)



Red (51%)

Yellow (61%)

Blue (87%)

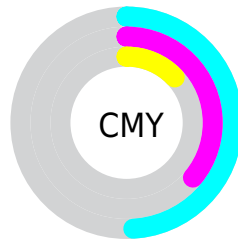


Cyan (41%)

Magenta (26%)

Yellow (0%)

Black (13%)



Cyan (49%)

Magenta (36%)

Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286817501 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 4286817501 by changing the saturation by 10% instead.



 4286817501

 4286817501

4294967295

 4285041345

 4290501631

 4283265190

 4292343807

 4281424011

 4294311935

 4279124337

 4278201177

 4278196033

 4278190891

 4278190357

 4278190080

■ 4286817501

■ 4286817501

■ 4285372125

■ 4288262877

■ 4283926749

■ 4289708253

■ 4282481373

■ 4291153629

■ 4281035997

■ 4292599005

■ 4279590621

■ 4294109917

■ 4278211037

■ 4294965469

■ 4294967261

# Harmonies

## Analogous

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



4283805144



4286817501



4289632723

# Triad

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



4286817501



4292579458



4285510026

# Complementary

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



4286817501



4292721795

# 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.



4287802226



4286817501



4291533166

# Square

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



4286817501



4292644255



4289897320



4283216807

# Rectangle

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



4286817501



4291072965



4289897320



4286295937

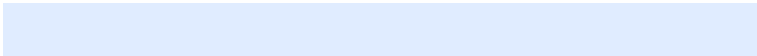


# Sweetspot

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



4286817501



4292930815



4286832060



4285428864



4278190080



4286611584

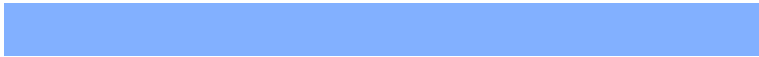


# Same Dimension

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



4286817501



4286755071



4287595485



4284704622



4278206637



4278194478



# Inverse Universe

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



4292707236



4294935216



4291943811



4285424487



4289527872

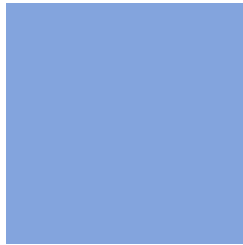


4281204753



# Previews

## White Background



This preview shows how the Android color 4286817501 looks on a white background.

## Color Contrast Check

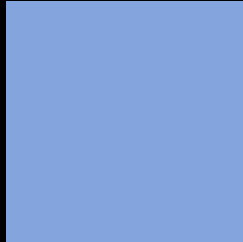
Large Text (above 18pt) WCAG AA × Fail

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 4286817501 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 4286817501 Background



This preview shows how black text looks on a background with the Android color 4286817501.



This preview shows how white text looks on a background with the Android color 4286817501.

# 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**  
4286817501

**Protanopia**  
4287799514

**Deuteranopia**  
4287733982



# Trichromacy



**Original Color**  
4286817501

**Protanomaly**  
4287472091

**Deuteranomaly**  
4287406558

**Tritanomaly**  
4286425285

# Monochromacy



**Original Color**  
4286817501

**Achromatopsia**  
4288782753

**Achromatomaly**  
4288062135

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286817501 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(131, 164, 221)` looks like.

```
.text, #text, p{  
    color:rgb(131, 164, 221)  
}
```

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(131, 164, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 164, 221) }
```

## Border

The CSS property to change the border of an element to Android 4286817501 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(131, 164, 221) }
```

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

```
.border{ border-color:rgb(131, 164, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 164, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 164, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 164, 221);  
box-shadow:4px 4px 4px 4px rgb(131, 164,  
221) }
```

# Background

The CSS property to change the background color of an element to Android 4286817501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 164, 221) }
```

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

```
.background{ background-color: rgb(131,  
164, 221) }
```

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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