

# Converting Colors

Android(4286820598)

Have a look what the booklet for  
Android(4286820598) contains.

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# **Color**

**Android(4286820598)**

# Conversions

## Conversions Part 1

Format	Color
Hex	83B0F6
RGB	131, 176, 246
RGB Percent	51%, 69%, 96%
CMY	0.4863, 0.3098, 0.0353
CMYK	0.47, 0.28, 0.00, 0.04
HSL	217°, 86%, 74%
HSV	217°, 47%, 96%
XYZ	41.5200, 42.5298, 93.2095
YIQ	170.5250, -49.2900, 12.2300

# Conversions

## Conversions Part 2

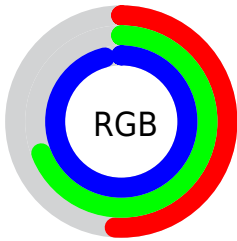
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	131, 163, 246
Decimal	8630518
CIE Lab	71.23, 3.37, -39.50
CIE LCh	71, 39.641, 274.877
Yxy	42.5298, 0.2342, 0.2399
Android (android.graphics.Color)	4286820598 (0xFF83B0F6)
YUV	170.5250, 37.2092, -34.6634
Hunter-Lab	65.2149, -0.4815, -39.0909

# Details

The Android color `4286820598` is a light color, and the websafe version is hex `6699CC`. A complement of this color would be `4294363523`, and the grayscale version is `4289374890`.

A 20% lighter version of the original color is `4290570239`, and `4283006141` is the 20% darker color. If you saturate the color by 10%, you get `4285178358`, and if you desaturate by 10%, it is `4288462838`.

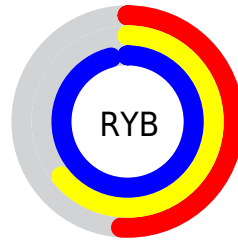
# Distribution



Red (51%)

Green (69%)

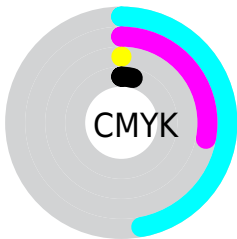
Blue (96%)



Red (51%)

Yellow (64%)

Blue (96%)

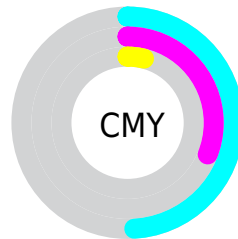


Cyan (47%)

Magenta (28%)

Yellow (0%)

Black (4%)



Cyan (49%)

Magenta (31%)

Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286820598 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 4286820598 by changing the saturation by 10% instead.



 4286820598

 4286820598

4294967295

 4284913113

 4290570239

 4283006141

 4292542463

 4280837026

 4294443007

 4278209672

 4278203758

 4278198613

 4278192190

 4278190887

 4278190352

■ 4286820598

■ 4286820598

■ 4285178358

■ 4288462838

■ 4283601654

■ 4290039542

■ 4281959414

■ 4291681782

■ 4280382710

■ 4293258486

■ 4278740470

■ 4294900726

■ 4278214902

■ 4294967286

# Harmonies

## Analogous

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



4282366703



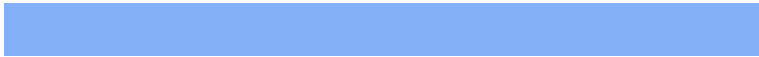
4286820598



4290421738

# Triad

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



4286820598



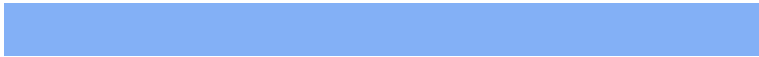
4294088327



4285382543

# Complementary

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



4286820598



4294363523

# 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.



4288329842



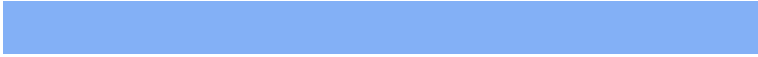
4286820598



4292846190

# Square

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



4286820598



4294152874



4290817637



4281844403

# Rectangle

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



4286820598



4292254424



4290817637



4286430596



# Sweetspot

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



4286820598



4292602367



4286838472



4285166208



4278190080



4286611584

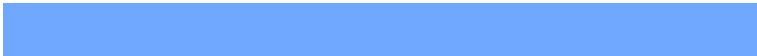


# Same Dimension

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



4286820598



4285573375



4287529974



4285428602



4278208954



4278196027



# Inverse Universe

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



4294345648



4294930600



4293654147



4286213747



4290379849



4282056727



# Previews

## White Background



This preview shows how the Android color 4286820598 looks on a white background.

## Color Contrast Check

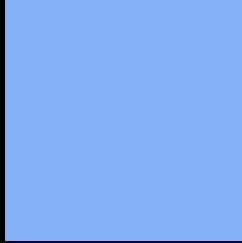
Large Text (above 18pt) WCAG AA × Fail

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 4286820598 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

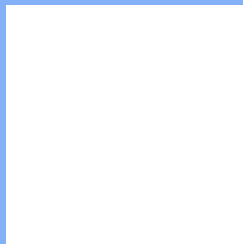
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4286820598 Background



This preview shows how black text looks on a background with the Android color 4286820598.



This preview shows how white text looks on a background with the Android color 4286820598.

# 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





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286820598 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, 176, 246)` looks like.

```
.text, #text, p{  
    color:rgb(131, 176, 246)  
}
```

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, 176, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 176, 246) }
```

## Border

The CSS property to change the border of an element to Android 4286820598 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, 176, 246) }
```

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

```
.border{ border-color:rgb(131, 176, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 176, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(131, 176, 246); -webkit-box-shadow:4px 4px 4px 4px rgb(131, 176, 246); box-shadow:4px 4px 4px 4px rgb(131, 176, 246) }
```

# Background

The CSS property to change the background color of an element to Android 4286820598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 176, 246) }
```

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

```
.background{ background-color: rgb(131,  
176, 246) }
```

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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