

# Converting Colors

Android(4283403998)

Have a look what the booklet for  
Android(4283403998) contains.

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# Color

**Android(4283403998)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4F8EDE
RGB	79, 142, 222
RGB Percent	31%, 56%, 87%
CMY	0.6902, 0.4431, 0.1294
CMYK	0.64, 0.36, 0.00, 0.13
HSL	214°, 68%, 59%
HSV	214°, 64%, 87%
XYZ	26.0823, 26.2822, 72.8055
YIQ	132.2830, -63.2280, 11.5240

# Conversions

## Conversions Part 2

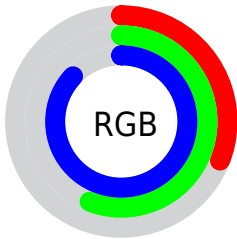
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	79, 123, 222
Decimal	5213918
CIE <sub>Lab</sub>	58.30, 4.64, -46.78
CIE <sub>LCh</sub>	58, 47.009, 275.666
Yxy	26.2822, 0.2084, 0.2100
Android (android.graphics.Color)	4283403998 (0xFF4F8EDE)
YUV	132.2830, 44.2305, -46.7292
Hunter-Lab	51.2662, 1.0982, -48.3143

# Details

The Android color `4283403998` is a dark color, and the websafe version is hex `3399FF`. The color can be described as middle muted azure. A complement of this color would be `4292779855`, and the grayscale version is `4286874756`.

A 20% lighter version of the original color is `4287415295`, and `4278213798` is the 20% darker color. If you saturate the color by 10%, you get `4281959134`, and if you desaturate by 10%, it is `4284848862`.

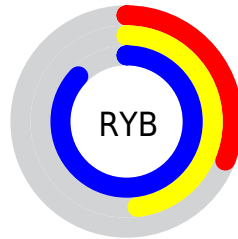
# Distribution



Red (31%)

Green (56%)

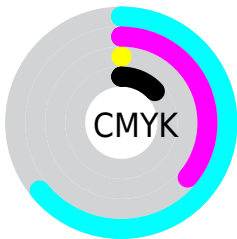
Blue (87%)



Red (31%)

Yellow (48%)

Blue (87%)

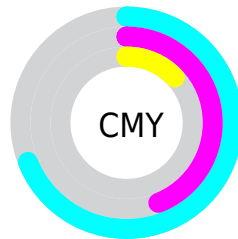


Cyan (64%)

Magenta (36%)

Yellow (0%)

Black (13%)



Cyan (69%)

Magenta (44%)

Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283403998 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 4283403998 by changing the saturation by 10% instead.



 4283403998

 4283403998

4294967295

 4281038274

 4287415295

 4278213798

 4289388543

 4278207884

 4291362047

 4278202482

 4293328895

 4278197337

 4278191937

 4278190890

 4278190356

 4278190080

■ 4283403998

■ 4283403998

■ 4281959134

■ 4284848862

■ 4280514014

■ 4286293982

■ 4279003614

■ 4287804382

■ 4278215390

■ 4289249502

■ 4290694366

■ 4292139486

■ 4293584350

■ 4294963678

■ 4294967006

# Harmonies

## Analogous

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



4278229463



4283403998



4288249551

# Triad

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



4283403998



4292112222



4281638505

# Complementary

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



4283403998



4292779855

# 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.



4285634630



4283403998



4290739777

# Square

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



4283403998



4292372614



4288449846



4278231443

# Rectangle

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



4283403998



4290343867



4288449846



4283276380

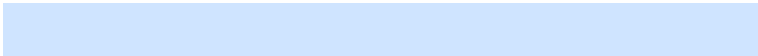


# Sweetspot

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



4283403998



4291814655



4283424414



4284641152



4278190080



4286611584



# Same Dimension

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



4283403998



4282094079



4283846622



4284836464



4278210224



4278195504



# Inverse Universe

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



4292759438



4294917009



4292337231



4285556074



4289724494

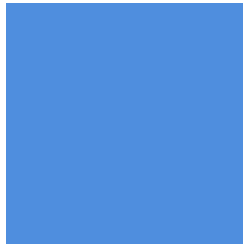


4281335829



# Previews

## White Background



This preview shows how the Android color 4283403998 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 4283403998 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 4283403998 Background



This preview shows how black text looks on a background with the Android color 4283403998.



This preview shows how white text looks on a background with the Android color 4283403998.

# 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



**Original Color**  
4283403998

**Protanomaly**  
4284713947

**Deuteranomaly**  
4283928031

**Tritanomaly**  
4282095034

# Monochromacy



**Original Color**  
4283403998

**Achromatopsia**  
4286874756

**Achromatomaly**  
4285630629

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283403998 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(79, 142, 222)` looks like.

```
.text, #text, p{  
    color:rgb(79, 142, 222)  
}
```

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(79, 142, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 142, 222) }
```

## Border

The CSS property to change the border of an element to Android 4283403998 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(79, 142, 222) }
```

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

```
.border{ border-color:rgb(79, 142, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 142, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 142, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 142, 222);  
box-shadow:4px 4px 4px 4px rgb(79, 142,  
222) }
```

# Background

The CSS property to change the background color of an element to Android 4283403998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 142, 222) }
```

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

```
.background{ background-color: rgb(79, 142,  
222) }
```

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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