

# Converting Colors

Android(4283996385)

Have a look what the booklet for  
Android(4283996385) contains.

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# **Color**

**Android(4283996385)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5898E1
RGB	88, 152, 225
RGB Percent	35%, 60%, 88%
CMY	0.6549, 0.4039, 0.1176
CMYK	0.61, 0.32, 0.00, 0.12
HSL	212°, 70%, 61%
HSV	212°, 61%, 88%
XYZ	28.8433, 29.9674, 75.4982
YIQ	141.1860, -61.5770, 9.1350

# Conversions

## Conversions Part 2

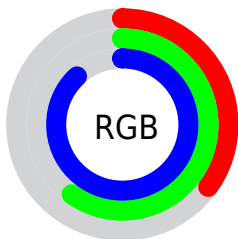
<b>Format</b>	<b>Color</b>
<b>RYB</b>	88, 132, 225
Decimal	5806305
CIELab	61.63, 1.40, -43.18
CIELCh	62, 43.205, 271.863
Yxy	29.9674, 0.2148, 0.2231
Android (android.graphics.Color)	4283996385 (0xFF5898E1)
YUV	141.1860, 41.3203, -46.6441
Hunter-Lab	54.7425, -1.7493, -43.4502

# Details

The Android color `4283996385` is a light color, and the websafe version is hex `6699CC`. The color can be described as light muted azure. A complement of this color would be `4292976984`, and the grayscale version is `4287466893`.

A 20% lighter version of the original color is `4287942399`, and `4278216361` is the 20% darker color. If you saturate the color by 10%, you get `4282551521`, and if you desaturate by 10%, it is `4285441249`.

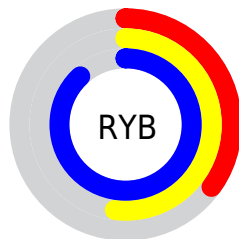
# Distribution



Red (35%)

Green (60%)

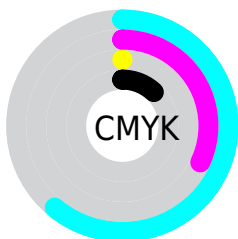
Blue (88%)



Red (35%)

Yellow (52%)

Blue (88%)

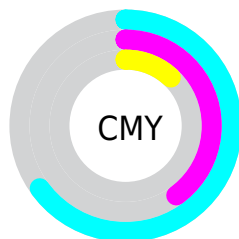


Cyan (61%)

Magenta (32%)

Yellow (0%)

Black (12%)



Cyan (65%)

Magenta (40%)

Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283996385 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 4283996385 by changing the saturation by 10% instead.





4283996385



4283996385

4294967295



4281827013



4287942399



4278216361



4289915647



4278210191



4291821567



4278204533



4293787647



4278199131



4278193220



4278190893



4278190359



4278190080

■ 4283996385

■ 4283996385

■ 4282551521

■ 4285441249

■ 4281041121

■ 4286951649

■ 4279596257

■ 4288396513

■ 4278217185

■ 4289906913

■ 4291417313

■ 4292862177

■ 4294372577

■ 4294965473

■ 4294967265

# Harmonies

## Analogous

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



4278231768



4283996385



4288383702

# Triad

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



4283996385



4292573551



4283540847

# Complementary

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



4283996385



4292976984

# 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.



4286750290



4283996385



4291397202

# Square

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



4283996385



4292572564



4289368902



4278233238

# Rectangle

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



4283996385



4290412740



4289368902



4284720228

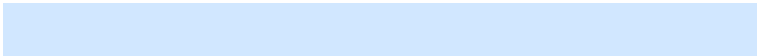


# Sweetspot

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



4283996385



4291946495



4284015007



4284707200



4278190080



4286611584



# Same Dimension

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



4283996385



4282752255



4284111073



4284836464



4278211248



4278196016



# Inverse Universe

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



4292958360



4294919580



4292862296



4285556074



4289724498

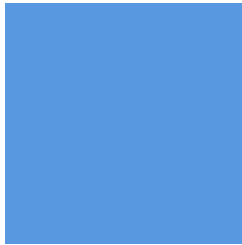


4281335831



# Previews

## White Background



This preview shows how the Android color 4283996385 looks on a white background.

## Color Contrast Check

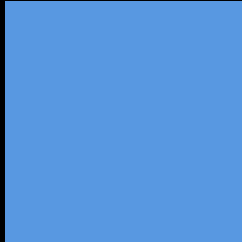
Large Text (above 18pt) WCAG AA ✓ Pass

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 4283996385 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 4283996385 Background



This preview shows how black text looks on a background with the Android color 4283996385.



This preview shows how white text looks on a background with the Android color 4283996385.

# 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 4283996385 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(88, 152, 225)` looks like.

```
.text, #text, p{  
    color:rgb(88, 152, 225)  
}
```

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(88, 152, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 152, 225) }
```

## Border

The CSS property to change the border of an element to Android 4283996385 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(88, 152, 225) }
```

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

```
.border{ border-color:rgb(88, 152, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 152, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 152, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 152, 225);  
box-shadow:4px 4px 4px 4px rgb(88, 152,  
225) }
```

# Background

The CSS property to change the background color of an element to Android 4283996385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 152, 225) }
```

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

```
.background{ background-color: rgb(88, 152,  
225) }
```

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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