

# Converting Colors

Android(4283599337)

Have a look what the booklet for  
Android(4283599337) contains.

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# **Color**

**Android(4283599337)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5289E9
RGB	82, 137, 233
RGB Percent	32%, 54%, 91%
CMY	0.6784, 0.4627, 0.0863
CMYK	0.65, 0.41, 0.00, 0.09
HSL	218°, 77%, 62%
HSV	218°, 65%, 91%
XYZ	27.1333, 25.5684, 80.5959
YIQ	131.4990, -63.5960, 18.1960

# Conversions

## Conversions Part 2

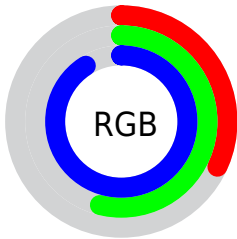
Format	Color
R <sub>Y</sub> B	82, 122, 233
Decimal	5409257
CIE Lab	57.63, 11.87, -53.98
CIE LCh	58, 55.269, 282.407
Yxy	25.5684, 0.2036, 0.1918
Android (android.graphics.Color)	4283599337 (0xFF5289E9)
YUV	131.4990, 50.0400, -43.4106
Hunter-Lab	50.5652, 7.2943, -59.1068

# Details

The Android color `4283599337` is a light color, and the websafe version is hex `6699FF`. The color can be described as light muted azure. A complement of this color would be `4293505618`, and the grayscale version is `4286808963`.

A 20% lighter version of the original color is `4287676159`, and `4278212785` is the 20% darker color. If you saturate the color by 10%, you get `4282088169`, and if you desaturate by 10%, it is `4285110505`.

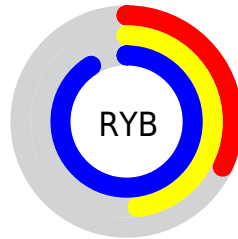
# Distribution



Red (32%)

Green (54%)

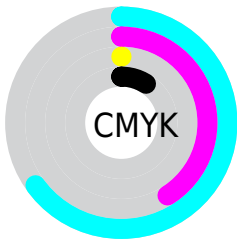
Blue (91%)



Red (32%)

Yellow (48%)

Blue (91%)

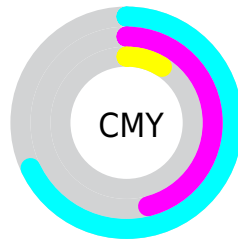


Cyan (65%)

Magenta (41%)

Yellow (0%)

Black (9%)



Cyan (68%)

Magenta (46%)

Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283599337 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 4283599337 by changing the saturation by 10% instead.



 4283599337

 4283599337

4294967295

 4281168076

 4287676159

 4278212785

 4289649407

 4278206869

 4291622655

 4278201467

 4293656575

 4278196578

 4278191945

 4278191154

 4278190364

 4278190080

■ 4283599337

■ 4283599337

■ 4282088169

■ 4285110505

■ 4280511465

■ 4286687209

■ 4279000553

■ 4288198121

■ 4278212073

■ 4289709289

■ 4291285993

■ 4292797161

■ 4294308329

■ 4294967273

# Harmonies

## Analogous

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



4278229222



4283599337



4289164754

# Triad

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



4283599337



4292373067



4278231147

# Complementary

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



4283599337



4293505618

# 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.



4284193343



4283599337



4290477609

# Square

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



4283599337



4293090936



4287729186



4278231710

# Rectangle

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



4283599337



4291324088



4287729186



4280131163



# Sweetspot

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



4283599337



4291813631



4283623858



4284640640



4278190080



4286611584



# Same Dimension

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



4283599337



4281893375



4284895977



4285165173



4278207157



4278195254



# Inverse Universe

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



4293481097



4294916225



4292208978



4285885038



4290052162

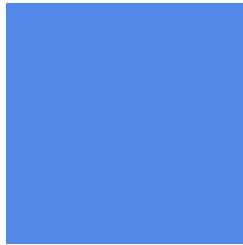


4281729044



# Previews

## White Background



This preview shows how the Android color 4283599337 looks on a white background.

## Color Contrast Check

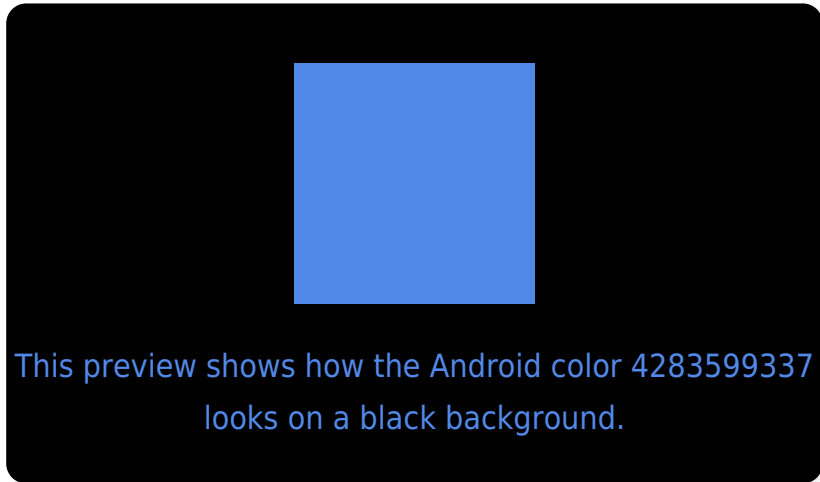
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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

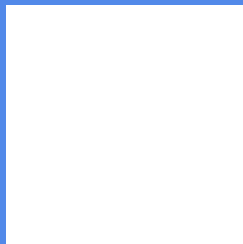
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4283599337 Background



This preview shows how black text looks on a background with the Android color 4283599337.



This preview shows how white text looks on a background with the Android color 4283599337.

# 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 4283599337 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(82, 137, 233)` looks like.

```
.text, #text, p{  
    color:rgb(82, 137, 233)  
}
```

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(82, 137, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 137, 233) }
```

## Border

The CSS property to change the border of an element to Android 4283599337 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(82, 137, 233) }
```

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

```
.border{ border-color:rgb(82, 137, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 137, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 137, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 137, 233);  
box-shadow:4px 4px 4px 4px rgb(82, 137,  
233) }
```

# Background

The CSS property to change the background color of an element to Android 4283599337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 137, 233) }
```

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

```
.background{ background-color: rgb(82, 137,  
233) }
```

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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