

# Converting Colors

Android(4283859949)

Have a look what the booklet for  
Android(4283859949) contains.

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# **Color**

**Android(4283859949)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5683ED
RGB	86, 131, 237
RGB Percent	34%, 51%, 93%
CMY	0.6627, 0.4863, 0.0706
CMYK	0.64, 0.45, 0.00, 0.07
HSL	222°, 81%, 63%
HSV	222°, 64%, 93%
XYZ	27.2401, 24.3255, 83.3803
YIQ	129.6290, -60.8460, 23.4260

# Conversions

## Conversions Part 2

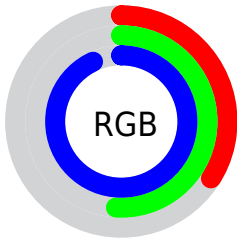
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">86, 121, 237</a>
Decimal	<a href="#">5669869</a>
CIELab	<a href="#">56.41, 17.53, -58.13</a>
CIElCh	<a href="#">56, 60.716, 286.785</a>
Yxy	<a href="#">24.3255, 0.2019, 0.1803</a>
Android (android.graphics.Color)	<a href="#">4283859949 (0xFF5683ED)</a>
YUV	<a href="#">129.6290, 52.9339, -38.2626</a>
Hunter-Lab	<a href="#">49.3208, 12.2748, -65.7093</a>

# Details

The Android color `4283859949` 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 `4293771350`, and the grayscale version is `4286677377`.

A 20% lighter version of the original color is `4287936767`, and `4278211252` is the 20% darker color. If you saturate the color by 10%, you get `4282282733`, and if you desaturate by 10%, it is `4285437165`.

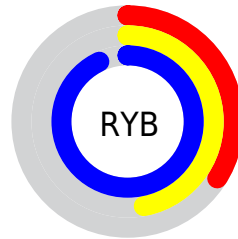
# Distribution



Red (34%)

Green (51%)

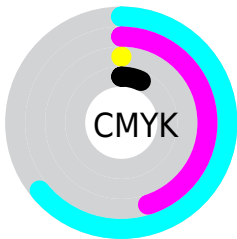
Blue (93%)



Red (34%)

Yellow (47%)

Blue (93%)

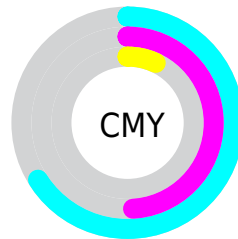


Cyan (64%)

Magenta (45%)

Yellow (0%)

Black (7%)



Cyan (66%)

Magenta (49%)

Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283859949 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 4283859949 by changing the saturation by 10% instead.



 4283859949

 4283859949

4294967295


 4281494224

 4287936767

 4278211252

 4289909759

 4278205593

 4291948543

 4278200190

 4293918719

 4278195557

 4278192204

 4278191156

 4278190622

 4278190081

■ 4283859949

■ 4283859949

■ 4282282733

■ 4285437165

■ 4280771309

■ 4286948589

■ 4279194093

■ 4288525805

■ 4278208493

■ 4290103021

■ 4291614445

■ 4293191661

■ 4294768621

■ 4294967277

# Harmonies

## Analogous

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



4278228206



4283859949



4289686736

# Triad

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



4283859949



4292306491



4278230893

# Complementary

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



4283859949



4293771350

# 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.



4282816825



4283859949



4290083858

# Square

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



4283859949



4293284972



4286942733



4278231204

# Rectangle

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



4283859949



4291845298



4286942733



4278230363



# Sweetspot

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



4283859949



4291812863



4283887040



4284640128



4278190080



4286611584



# Same Dimension

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



4283859949



4282218495



4285814509



4285164917



4278204085



4278194230



# Inverse Universe

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



4293744259



4294917495



4291816790



4285885037



4290052150



4281729040



# Previews

## White Background



This preview shows how the Android color 4283859949 looks on a white background.

## Color Contrast Check

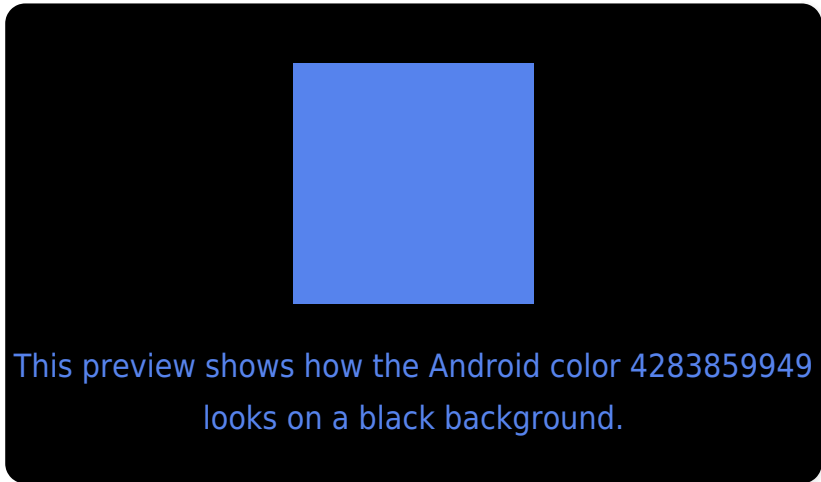
Large Text (above 18pt) WCAG AA ✓ Pass

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 4283859949 Background



This preview shows how black text looks on a background with the Android color 4283859949.



This preview shows how white text looks on a background with the Android color 4283859949.

# 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**

4283859949

**Protanopia**

4283859949

**Deuteranopia**

4281436396



# Trichromacy



**Original Color**  
4283859949

**Protanomaly**  
4283859949

**Deuteranomaly**  
4282287852

**Tritanomaly**  
4282093244

# Monochromacy



**Original Color**  
4283859949

**Achromatopsia**  
4286743170

**Achromatomaly**  
4285694633

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283859949 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(86, 131, 237)` looks like.

```
.text, #text, p{  
    color:rgb(86, 131, 237)  
}
```

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(86, 131, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 131, 237) }
```

## Border

The CSS property to change the border of an element to Android 4283859949 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(86, 131, 237) }
```

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

```
.border{ border-color:rgb(86, 131, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 131, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(86, 131, 237); -webkit-box-shadow:4px 4px 4px 4px rgb(86, 131, 237); box-shadow:4px 4px 4px 4px rgb(86, 131, 237) }
```

# Background

The CSS property to change the background color of an element to Android 4283859949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 131, 237) }
```

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

```
.background{ background-color: rgb(86, 131,  
237) }
```

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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