

# Converting Colors

Android(4285369299)

Have a look what the booklet for  
Android(4285369299) contains.

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# **Color**

**Android(4285369299)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6D8BD3
RGB	109, 139, 211
RGB Percent	43%, 55%, 83%
CMY	0.5725, 0.4549, 0.1725
CMYK	0.48, 0.34, 0.00, 0.17
HSL	222°, 54%, 63%
HSV	222°, 48%, 83%
XYZ	27.2972, 26.4196, 65.2888
YIQ	138.2380, -40.9920, 16.0320

# Conversions

## Conversions Part 2

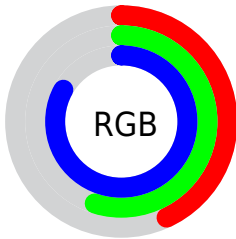
Format	Color
<a href="#">RYB</a>	<a href="#">109, 132, 211</a>
Decimal	<a href="#">7179219</a>
CIELab	<a href="#">58.43, 9.05, -40.32</a>
CIElCh	<a href="#">58, 41.322, 282.655</a>
Yxy	<a href="#">26.4196, 0.2294, 0.2220</a>
Android (android.graphics.Color)	<a href="#">4285369299 (0xFF6D8BD3)</a>
YUV	<a href="#">138.2380, 35.8717, -25.6417</a>
Hunter-Lab	<a href="#">51.4000, 4.8466, -39.3308</a>

# Details

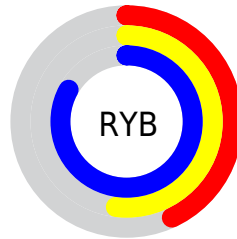
The Android color `4285369299` is a light color, and the websafe version is hex `6699CC`. A complement of this color would be `4292064621`, and the grayscale version is `4287269514`.

A 20% lighter version of the original color is `4289052927`, and `4281620892` is the 20% darker color. If you saturate the color by 10%, you get `4283989203`, and if you desaturate by 10%, it is `4286749395`.

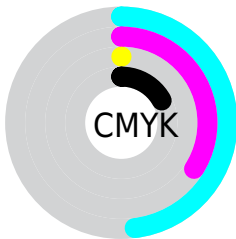
# Distribution



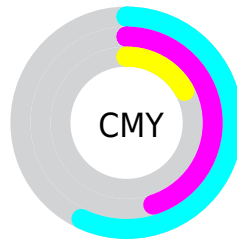
- Red (43%)
- Green (55%)
- Blue (83%)



- Red (43%)
- Yellow (52%)
- Blue (83%)



- Cyan (48%)
- Magenta (34%)
- Yellow (0%)
- Black (17%)


















- Cyan (57%)
- Magenta (45%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285369299 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 4285369299 by changing the saturation by 10% instead.



 4285369299	 4285369299
4294967295	 4283527863
 4289052927	 4281620892
 4290960639	 4279059074
 4292868351	 4278201704
 4294770687	 4278196560
	 4278190904
	 4278190626
	 4278190088
	 4278190080

■ 4285369299

■ 4285369299

■ 4283989203

■ 4286749395

■ 4282609107

■ 4288129491

■ 4281229011

■ 4289509587

■ 4279848915

■ 4290889683

■ 4278469075

■ 4292335059

■ 4278206163

■ 4293715155

■ 4294964179

■ 4294967251

# Harmonies

## Analogous

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



4278228689



4285369299



4288904642

# Triad

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



4285369299



4291458653



4281769590

# Complementary

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



4285369299



4292064621

# 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.



4285306965



4285369299



4290020167

# Square

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



4285369299



4291915646



4287926084



4278230939

# Rectangle

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



4285369299



4290540974



4287926084



4283145322



# Sweetspot

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



4285369299



4292470015



4285387700



4285099904



4278190080



4286611584



# Same Dimension

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



4285369299



4285241343



4286672339



4284375401



4278202792



4278193193



# Inverse Universe

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



4292046219



4294929303



4290761581



4285095521



4289200177



4280877068



# Previews

## White Background



This preview shows how the Android color 4285369299 looks on a white background.

## Color Contrast Check

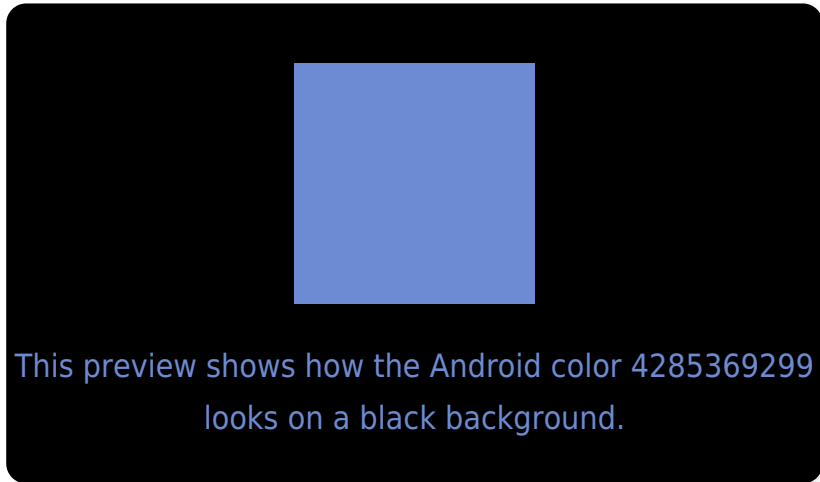
Large Text (above 18pt) WCAG AA ✓ Pass

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 4285369299 Background



This preview shows how black text looks on a background with the Android color 4285369299.

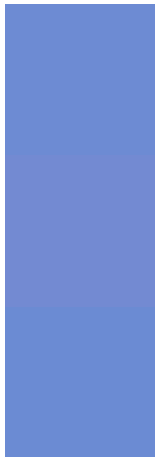


This preview shows how white text looks on a background with the Android color 4285369299.

# 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



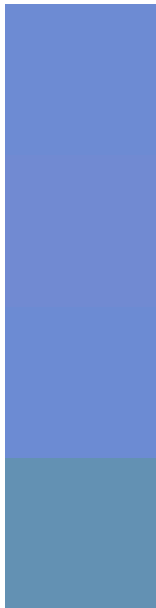
**Original Color**  
4285369299

**Protanopia**  
4285762258

**Deuteranopia**  
4285238227



# Trichromacy



**Original Color**  
4285369299

**Protanomaly**  
4285631186

**Deuteranomaly**  
4285303763

**Tritanomaly**  
4284715443

# Monochromacy



**Original Color**  
4285369299

**Achromatopsia**  
4287269514

**Achromatomaly**  
4286548645

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285369299 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(109, 139, 211)` looks like.

```
.text, #text, p{  
    color:rgb(109, 139, 211)  
}
```

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(109, 139, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 139, 211) }
```

## Border

The CSS property to change the border of an element to Android 4285369299 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(109, 139, 211) }
```

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

```
.border{ border-color:rgb(109, 139, 211) }
```

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

Here you see how a box with a 4 pixel rgb(109, 139, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 139, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 139, 211);  
box-shadow:4px 4px 4px 4px rgb(109, 139,  
211) }
```

# Background

The CSS property to change the background color of an element to Android 4285369299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 139, 211) }
```

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

```
.background{ background-color: rgb(109,  
139, 211) }
```

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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