

Converting Colors

Android(4283201969)

Have a look what the booklet for
Android(4283201969) contains.

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Color

Android(4283201969)

Conversions

Conversions Part 1

Format	Color
Hex	4C79B1
RGB	76, 121, 177
RGB Percent	30%, 47%, 69%
CMY	0.7020, 0.5255, 0.3059
CMYK	0.57, 0.32, 0.00, 0.31
HSL	213°, 40%, 50%
HSV	213°, 57%, 69%
XYZ	17.7537, 18.3856, 44.2080
YIQ	113.9290, -44.7960, 7.8760

Conversions

Conversions Part 2

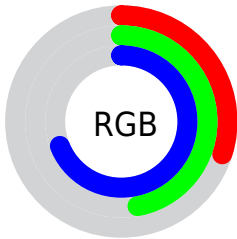
Format	Color
R_{YB}	76, 107, 177
Decimal	5011889
CIE _{Lab}	49.96, 1.50, -34.37
CIE _{LCh}	50, 34.404, 272.505
Yxy	18.3856, 0.2210, 0.2288
Android (android.graphics.Color)	4283201969 (0xFF4C79B1)
YUV	113.9290, 31.0940, -33.2637
Hunter-Lab	42.8784, -1.1298, -31.1137

Details

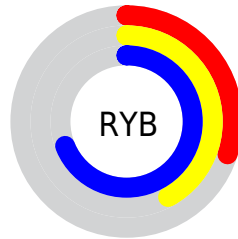
The Android color `4283201969` is a dark color, and the websafe version is hex `336699`. A complement of this color would be `4289823820`, and the grayscale version is `4285690482`.

A 20% lighter version of the original color is `4286885353`, and `4278405500` is the 20% darker color. If you saturate the color by 10%, you get `4282019761`, and if you desaturate by 10%, it is `4284384177`.

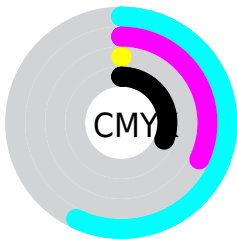
Distribution



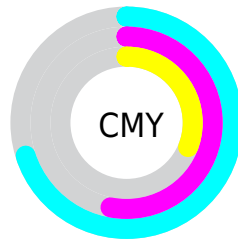
- Red (30%)
- Green (47%)
- Blue (69%)



- Red (30%)
- Yellow (42%)
- Blue (69%)



- Cyan (57%)
- Magenta (32%)
- Yellow (0%)
- Black (31%)



- Cyan (70%)
- Magenta (53%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283201969 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 4283201969 by changing the saturation by 10% instead.



4283201969



4283201969

4294967295



4281229462



4286885353



4278405500



4288727295



4278203235



4290569471



4278197835



4292476927



4278190900



4294443007



4278190622



4278190080



4283201969



4283201969



4282019761



4284384177

■ 4280903089

■ 4285500849

■ 4279721137

■ 4286682801

■ 4278538929

■ 4287865009

■ 4278210481

■ 4289047217

■ 4290163889

■ 4291346097

■ 4292528305

■ 4293644721

Harmonies

Analogous

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



4278223274



4283201969



4286410408

Triad

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



4283201969



4289552985



4282614875

Complementary

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



4283201969



4289823820

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.



4285038148



4283201969



4288638019

Square

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



4283201969



4289552245



4287067707



4278224504

Rectangle

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



4283201969



4287915931



4287067707



4283531858

Sweetspot

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



4283201969



4290695398



4283216260



4284245619



4294111986



4285756275

Same Dimension

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



4283201969



4283011046



4283518129



4283454553



4278207641



4278192922

Inverse Universe

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



4289809529



4293282191



4289507660



4284043348



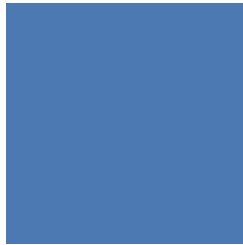
4288217156



4279894027

Previews

White Background



This preview shows how the Android color 4283201969 looks on a white background.

Color Contrast Check

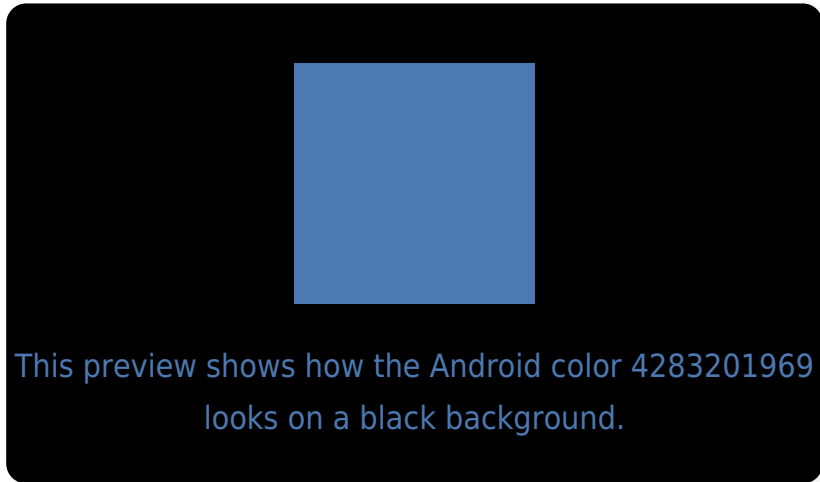
Large Text (above 18pt) WCAG AA ✓ Pass

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 4283201969 Background



This preview shows how black text looks on a background with the Android color 4283201969.

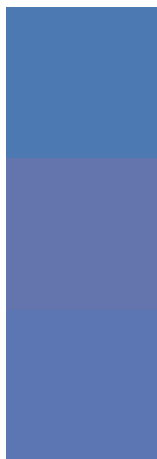


This preview shows how white text looks on a background with the Android color 4283201969.

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
4283201969

Protanopia
4284773549

Deuteranopia
4284184242

Trichromacy



Original Color
4283201969

Protanomaly
4284184238

Deuteranomaly
4283856818

Tritanomaly
4282547609

Monochromacy



Original Color
4283201969

Achromatopsia
4285690482

Achromatomaly
4284773769

CSS Examples

Text

The CSS property to change the color of the text to Android 4283201969 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(76, 121, 177)` looks like.

```
.text, #text, p{  
    color:rgb(76, 121, 177)  
}
```

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(76, 121, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 121, 177) }
```

Border

The CSS property to change the border of an element to Android 4283201969 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(76, 121, 177) }
```

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

```
.border{ border-color:rgb(76, 121, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 121, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 121, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 121, 177);  
box-shadow:4px 4px 4px 4px rgb(76, 121,  
177) }
```

Background

The CSS property to change the background color of an element to Android 4283201969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 121, 177) }
```

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

```
.background{ background-color: rgb(76, 121,  
177) }
```

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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