

Converting Colors

Android(4283199949)

Have a look what the booklet for
Android(4283199949) contains.

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Color

Android(4283199949)

Conversions

Conversions Part 1

Format	Color
Hex	4C71CD
RGB	76, 113, 205
RGB Percent	30%, 44%, 80%
CMY	0.7020, 0.5569, 0.1961
CMYK	0.63, 0.45, 0.00, 0.20
HSL	223°, 56%, 55%
HSV	223°, 63%, 80%
XYZ	19.9051, 17.7545, 60.1355
YIQ	112.4250, -51.5840, 20.7680

Conversions

Conversions Part 2

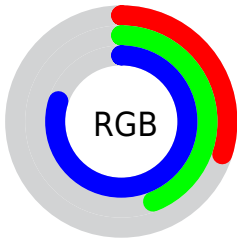
Format	Color
RYB	76, 105, 205
Decimal	5009869
CIELab	49.20, 15.90, -51.68
CIELCh	49, 54.074, 287.102
Yxy	17.7545, 0.2035, 0.1815
Android (android.graphics.Color)	4283199949 (0xFF4C71CD)
YUV	112.4250, 45.6395, -31.9447
Hunter-Lab	42.1361, 10.5850, -55.1217

Details

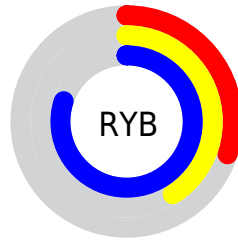
The Android color `4283199949` is a dark color, and the websafe version is hex `3366CC`. The color can be described as dark muted azure. A complement of this color would be `4291668044`, and the grayscale version is `4285558896`.

A 20% lighter version of the original color is `4287145215`, and `4278207126` is the 20% darker color. If you saturate the color by 10%, you get `4281819853`, and if you desaturate by 10%, it is `4284580045`.

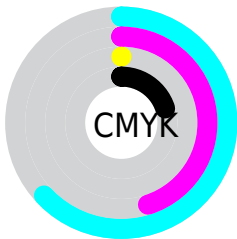
Distribution



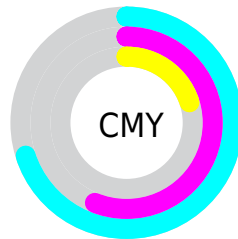
- Red (30%)
- Green (44%)
- Blue (80%)



- Red (30%)
- Yellow (41%)
- Blue (80%)



- Cyan (63%)
- Magenta (45%)
- Yellow (0%)
- Black (20%)



- Cyan (70%)
- Magenta (56%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283199949 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 4283199949 by changing the saturation by 10% instead.

■ 4283199949

■ 4283199949

4294967295

■ 4280900017

■ 4287145215

■ 4278207126

■ 4289052671

■ 4278201724

■ 4290960383

■ 4278196578

■ 4292933631

■ 4278190154

4294901759

■ 4278191154

■ 4278190620

■ 4278190080

■ 4283199949

■ 4283199949

■ 4281819853

■ 4284580045

■ 4280505549

■ 4285894349

■ 4279125453

■ 4287274445

■ 4278205389

■ 4288588749

■ 4289968845

■ 4291283405

■ 4292663245

■ 4293977805

■ 4294964685

Harmonies

Analogous

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



4278223054



4283199949



4288175540

Triad

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



4283199949



4290402355



4278225247

Complementary

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



4283199949



4291668044

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.



4282090546



4283199949



4288441360

Square

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



4283199949



4291250525



4285758221



4278225551

Rectangle

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



4283199949



4290007194



4285758221



4278224975

Sweetspot

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



4283199949



4291812607



4283223462



4284640128



4278190080



4286611584

Same Dimension

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



4283199949



4282217983



4284894413



4284243814



4278202534



4278192934

Inverse Universe

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



4291644529



4294917493



4289973580



4284898399



4289069104



4280680459

Previews

White Background



This preview shows how the Android color 4283199949 looks on a white background.

Color Contrast Check

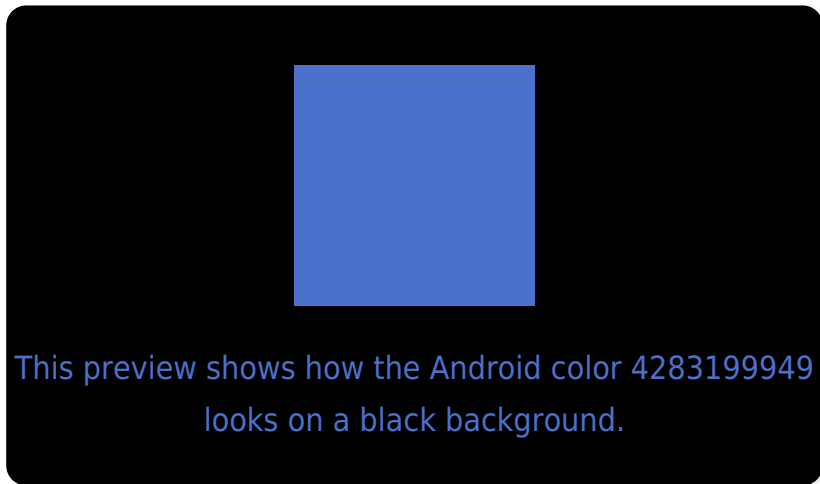
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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 4283199949 Background



This preview shows how black text looks on a background with the Android color 4283199949.



This preview shows how white text looks on a background with the Android color 4283199949.

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
4283199949

Protanopia
4283068877

Deuteranopia
4281038540

Trichromacy



Original Color
4283199949

Protanomaly
4283134413

Deuteranomaly
4281824460

Tritanomaly
4281695138

Monochromacy



Original Color
4283199949

Achromatopsia
4285558896

Achromatomaly
4284706962

CSS Examples

Text

The CSS property to change the color of the text to Android 4283199949 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, 113, 205)` looks like.

```
.text, #text, p{  
    color:rgb(76, 113, 205)  
}
```

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, 113, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 113, 205) }
```

Border

The CSS property to change the border of an element to Android 4283199949 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, 113, 205) }
```

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

```
.border{ border-color:rgb(76, 113, 205) }
```

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

Here you see how a box with a 4 pixel rgb(76, 113, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 113, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 113, 205);  
box-shadow:4px 4px 4px 4px rgb(76, 113,  
205) }
```

Background

The CSS property to change the background color of an element to Android 4283199949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 113, 205) }
```

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

```
.background{ background-color: rgb(76, 113,  
205) }
```

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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