

Converting Colors

Android(4282609870)

Have a look what the booklet for
Android(4282609870) contains.

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Color

Android(4282609870)

Conversions

Conversions Part 1

Format	Color
Hex	4370CE
RGB	67, 112, 206
RGB Percent	26%, 44%, 81%
CMY	0.7373, 0.5608, 0.1922
CMYK	0.67, 0.46, 0.00, 0.19
HSL	221°, 59%, 54%
HSV	221°, 67%, 81%
XYZ	19.2495, 17.2379, 60.7052
YIQ	109.2610, -56.9940, 19.6940

Conversions

Conversions Part 2

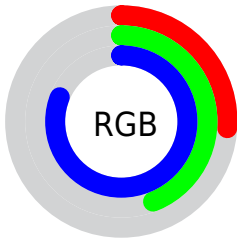
Format	Color
RYB	67, 101, 206
Decimal	4419790
CIELab	48.56, 15.36, -53.30
CIElCh	49, 55.470, 286.075
Yxy	17.2379, 0.1981, 0.1774
Android (android.graphics.Color)	4282609870 (0xFF4370CE)
YUV	109.2610, 47.6923, -37.0629
Hunter-Lab	41.5185, 10.1017, -57.6264

Details

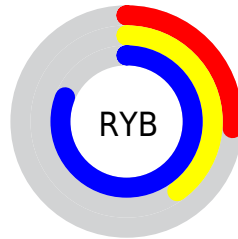
The Android color `4282609870` is a dark color, and the websafe version is hex `3366CC`. The color can be described as dark muted azure. A complement of this color would be `4291731779`, and the grayscale version is `4285361517`.

A 20% lighter version of the original color is `4286686207`, and `4278206871` is the 20% darker color. If you saturate the color by 10%, you get `4281230030`, and if you desaturate by 10%, it is `4283989710`.

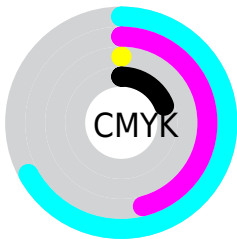
Distribution



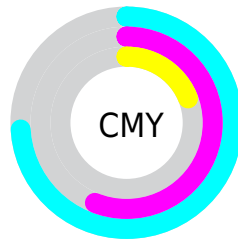
- Red (26%)
- Green (44%)
- Blue (81%)



- Red (26%)
- Yellow (40%)
- Blue (81%)



- Cyan (67%)
- Magenta (46%)
- Yellow (0%)
- Black (19%)



- Cyan (74%)
- Magenta (56%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282609870 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 4282609870 by changing the saturation by 10% instead.

 4282609870

 4282609870

4294967295

 4279916722

 4286686207

 4278206871

 4288659199

 4278201469

 4290566911

 4278196579

 4292540159

 4278190667

 4294508543

 4278191155

 4278190621

 4278190080

 4282609870

 4282609870

■ 4281230030

■ 4283989710

■ 4279915726

■ 4285304014

■ 4278535886

■ 4286683854

■ 4278207438

■ 4287998158

■ 4289377998

■ 4290757838

■ 4292072142

■ 4293451726

■ 4294766030

Harmonies

Analogous

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



4278222799



4282609870



4287978421

Triad

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



4282609870



4290401585



4278224987

Complementary

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



4282609870



4291731779

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.



4282024749



4282609870



4288440585

Square

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



4282609870



4291249500



4285692162



4278225292

Rectangle

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



4282609870



4289940890



4285692162



4278224715

Sweetspot

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



4282609870



4291616255



4282633888



4284574592



4278190080



4286611584

Same Dimension

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



4282609870



4281365503



4284105678



4284243814



4278204070



4278193190

Inverse Universe

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



4291707760



4294914163



4290235971



4284898399



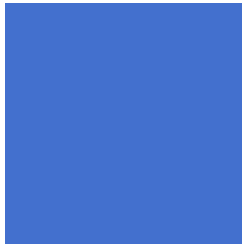
4289069110



4280680460

Previews

White Background



This preview shows how the Android color 4282609870 looks on a white background.

Color Contrast Check

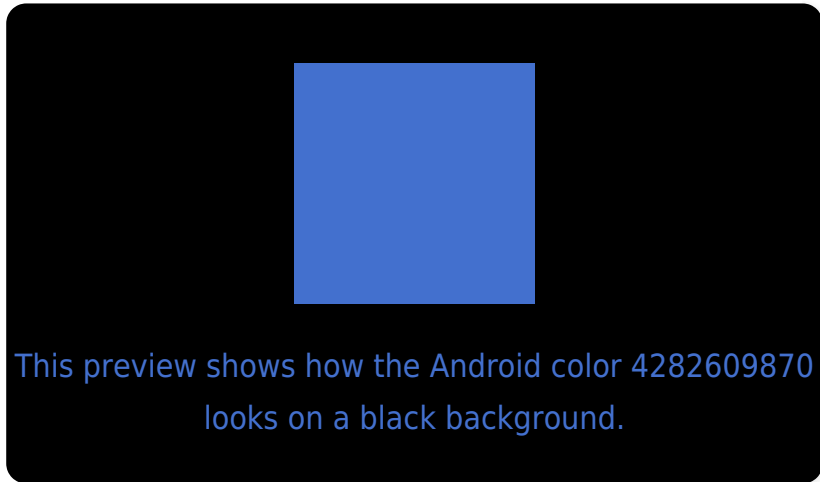
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Android 4282609870 Background



This preview shows how black text looks on a background with the Android color 4282609870.



This preview shows how white text looks on a background with the Android color 4282609870.

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
4282609870

Protanopia
4282806478

Deuteranopia
4279989709

Trichromacy



Original Color
4282609870

Protanomaly
4282740942

Deuteranomaly
4280972237

Tritanomaly
4279794339

Monochromacy



Original Color
4282609870

Achromatopsia
4285361517

Achromatomaly
4284378768

CSS Examples

Text

The CSS property to change the color of the text to Android 4282609870 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(67, 112, 206)` looks like.

```
.text, #text, p{  
    color:rgb(67, 112, 206)  
}
```

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(67, 112, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 112, 206) }
```

Border

The CSS property to change the border of an element to Android 4282609870 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(67, 112, 206) }
```

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

```
.border{ border-color:rgb(67, 112, 206) }
```

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

Here you see how a box with a 4 pixel rgb(67, 112, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 112, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 112, 206);  
box-shadow:4px 4px 4px 4px rgb(67, 112,  
206) }
```

Background

The CSS property to change the background color of an element to Android 4282609870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 112, 206) }
```

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

```
.background{ background-color: rgb(67, 112,  
206) }
```

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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