

Converting Colors

Android(4282878389)

Have a look what the booklet for
Android(4282878389) contains.

Android(4282878389)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4282878389)

Conversions

Conversions Part 1

Format	Color
Hex	4789B5
RGB	71, 137, 181
RGB Percent	28%, 54%, 71%
CMY	0.7216, 0.4627, 0.2902
CMYK	0.61, 0.24, 0.00, 0.29
HSL	204°, 44%, 49%
HSV	204°, 61%, 71%
XYZ	19.8847, 22.5671, 47.0239
YIQ	122.2820, -53.4600, -0.3080

Conversions

Conversions Part 2

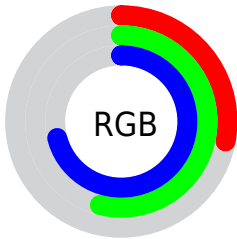
Format	Color
RYB	71, 112, 181
Decimal	4688309
CIELab	54.62, -7.59, -29.41
CIELCh	55, 30.375, 255.530
Yxy	22.5671, 0.2222, 0.2522
Android (android.graphics.Color)	4282878389 (0xFF4789B5)
YUV	122.2820, 28.9480, -44.9743
Hunter-Lab	47.5049, -8.4166, -25.4364

Details

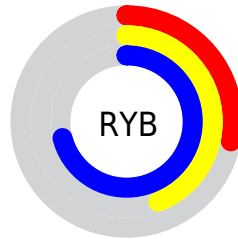
The Android color `4282878389` is a dark color, and the websafe version is hex `3399CC`. A complement of this color would be `4290081607`, and the grayscale version is `4286216826`.

A 20% lighter version of the original color is `4286627565`, and `4278212480` is the 20% darker color. If you saturate the color by 10%, you get `4281696949`, and if you desaturate by 10%, it is `4284059829`.

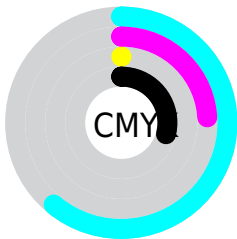
Distribution



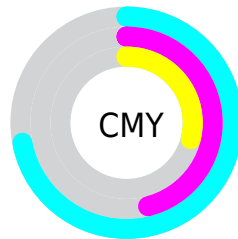
- Red (28%)
- Green (54%)
- Blue (71%)



- Red (28%)
- Yellow (44%)
- Blue (71%)



- Cyan (61%)
- Magenta (24%)
- Yellow (0%)
- Black (29%)



- Cyan (72%)
- Magenta (46%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282878389 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 4282878389 by changing the saturation by 10% instead.

■ 4282878389

■ 4282878389

4294967295

■ 4280774810

■ 4286627565

■ 4278212480

■ 4288535295

■ 4278206567

■ 4290443263

■ 4278200910

■ 4292345855

■ 4278195767

■ 4294246399

■ 4278190626

■ 4278190087

■ 4278190080

■ 4282878389

■ 4282878389

■ 4281696949

■ 4284059829

■ 4280515509

■ 4285241269

■ 4279333813

■ 4286422965

■ 4278218165

■ 4287604405

■ 4288851381

■ 4290032821

■ 4291214517

■ 4292395957

■ 4293577397

Harmonies

Analogous

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



4280127399



4282878389



4285759925

Triad

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



4282878389



4290146166



4285107293

Complementary

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



4282878389



4290081607

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.



4287006031



4282878389



4289754206

Square

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



4282878389



4289622161



4288642384



4282945653

Rectangle

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



4282878389



4287396525



4288642384



4285762135

Sweetspot

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



4282878389



4290829035



4282889587



4284181365



4294309365



4285887861

Same Dimension

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



4282878389



4282361579



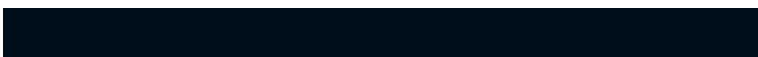
4282864309



4283455065



4278213785



4278193946

Inverse Universe

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



4290070409



4293607334



4290095687



4284043350



4288217180



4279894031

Previews

White Background



This preview shows how the Android color 4282878389 looks on a white background.

Color Contrast Check

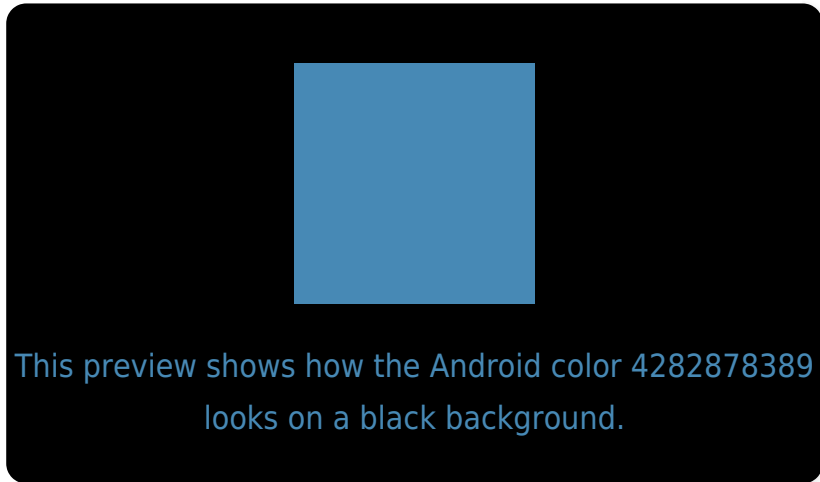
Large Text (above 18pt) WCAG AA ✓ Pass

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 4282878389 Background



This preview shows how black text looks on a background with the Android color 4282878389.

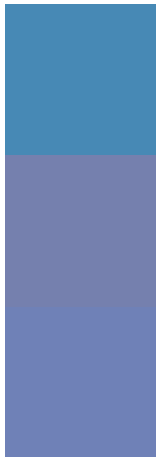


This preview shows how white text looks on a background with the Android color 4282878389.

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
4282878389

Protanopia
4285890734

Deuteranopia
4285497783

Trichromacy



Original Color
4282878389

Protanomaly
4284777393

Deuteranomaly
4284515510

Tritanomaly
4282354852

Monochromacy



Original Color
4282878389

Achromatopsia
4286216826

Achromatomaly
4284972943

CSS Examples

Text

The CSS property to change the color of the text to Android 4282878389 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(71, 137, 181)` looks like.

```
.text, #text, p{  
    color:rgb(71, 137, 181)  
}
```

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(71, 137, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 137, 181) }
```

Border

The CSS property to change the border of an element to Android 4282878389 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(71, 137, 181) }
```

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

```
.border{ border-color:rgb(71, 137, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 137, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 137, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 137, 181);  
box-shadow:4px 4px 4px 4px rgb(71, 137,  
181) }
```

Background

The CSS property to change the background color of an element to Android 4282878389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 137, 181) }
```

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

```
.background{ background-color: rgb(71, 137,  
181) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor