

# Converting Colors

Android(4282888909)

Have a look what the booklet for  
Android(4282888909) contains.

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# **Color**

**Android(4282888909)**

# Conversions

## Conversions Part 1

Format	Color
Hex	47B2CD
RGB	71, 178, 205
RGB Percent	28%, 70%, 80%
CMY	0.7216, 0.3020, 0.1961
CMYK	0.65, 0.13, 0.00, 0.20
HSL	192°, 57%, 54%
HSV	192°, 65%, 80%
XYZ	29.5384, 37.5882, 63.4560
YIQ	149.0850, -72.4390, -14.2870

# Conversions

## Conversions Part 2

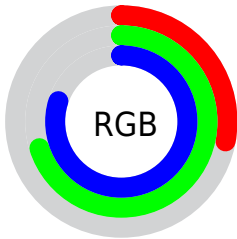
Format	Color
<a href="#">RYB</a>	<a href="#">71, 130, 205</a>
Decimal	<a href="#">4698829</a>
CIELab	<a href="#">67.72, -22.17, -22.72</a>
CIELCh	<a href="#">68, 31.743, 225.706</a>
Yxy	<a href="#">37.5882, 0.2262, 0.2878</a>
Android (android.graphics.Color)	<a href="#">4282888909</a> ( <a href="#">0xFF47B2CD</a> )
YUV	<a href="#">149.0850, 27.5661, -68.4805</a>
Hunter-Lab	<a href="#">61.3092, -21.2909, -18.4497</a>

# Details

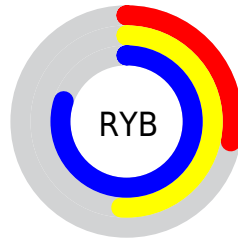
The Android color `4282888909` is a light color, and the websafe version is hex `33CCFF`. The color can be described as light muted azure. A complement of this color would be `4291650119`, and the grayscale version is `4287993237`.

A 20% lighter version of the original color is `4286966527`, and `4278222231` is the 20% darker color. If you saturate the color by 10%, you get `4281511629`, and if you desaturate by 10%, it is `4284266189`.

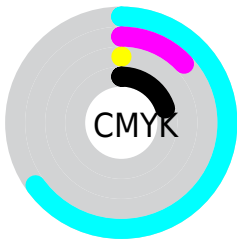
# Distribution



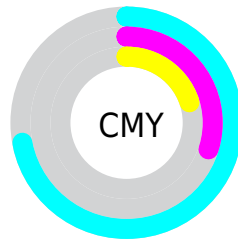
- Red (28%)
- Green (70%)
- Blue (80%)



- Red (28%)
- Yellow (51%)
- Blue (80%)



- Cyan (65%)
- Magenta (13%)
- Yellow (0%)
- Black (20%)



- Cyan (72%)
- Magenta (30%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282888909 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 4282888909 by changing the saturation by 10% instead.



 4282888909

 4282888909

4294967295

 4280260529

 4286966527

 4278222231

 4288937983

 4278215805

 4290904063

 4278209636

 4292870143

 4278203724

 4294836223

 4278198581

 4278190624

 4278190084

 4278190080

■ 4282888909

■ 4282888909

■ 4281511629

■ 4284266189

■ 4280199885

■ 4285577933

■ 4278822605

■ 4286889677

■ 4278232269

■ 4288267213

■ 4289578957

■ 4290956237

■ 4292267981

■ 4293645261

■ 4294957005

# Harmonies

## Analogous

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



4283020723



4282888909



4285115612

# Triad

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



4282888909



4292186548



4289308781

# Complementary

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



4282888909



4291650119

# 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.



4291141230



4282888909



4292776087

# Square

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



4282888909



4290484429



4292384125



4287213436

# Rectangle

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



4282888909



4287080158



4292384125



4289963372

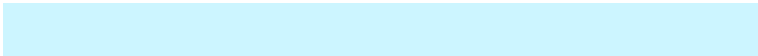


# Sweetspot

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



4282888909



4291622399



4282895714



4284578176



4278190080



4286611584



# Same Dimension

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



4282888909



4281915391



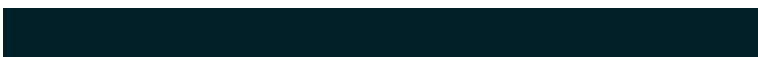
4282871757



4284245094



4278224038



4278198054



# Inverse Universe

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



4291643314



4294916311



4291667271



4284898404



4289069188



4280680479



# Previews

## White Background



This preview shows how the Android color 4282888909 looks on a white background.

## Color Contrast Check

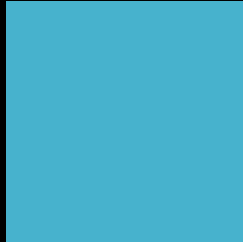
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Android color 4282888909 looks on a 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 ✓ Pass

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



# Android 4282888909 Background



This preview shows how black text looks on a background with the Android color 4282888909.



This preview shows how white text looks on a background with the Android color 4282888909.

# 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





# Trichromacy



**Original Color**

4282888909



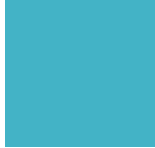
**Protanomaly**

4286490822



**Deuteranomaly**

4286425040



**Tritanomaly**

4282627014

# Monochromacy



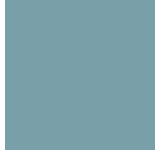
**Original Color**

4282888909



**Achromatopsia**

4287993237



**Achromatomaly**

4286161065

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282888909 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, 178, 205)` looks like.

```
.text, #text, p{  
    color:rgb(71, 178, 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(71, 178, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 178, 205) }
```

## Border

The CSS property to change the border of an element to Android 4282888909 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, 178, 205) }
```

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

```
.border{ border-color:rgb(71, 178, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 178, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 178, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 178, 205);  
box-shadow:4px 4px 4px 4px rgb(71, 178,  
205) }
```

# Background

The CSS property to change the background color of an element to Android 4282888909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 178, 205) }
```

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

```
.background{ background-color: rgb(71, 178,  
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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