

# Converting Colors

Android(4282902185)

Have a look what the booklet for  
Android(4282902185) contains.

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# **Color**

**Android(4282902185)**

# Conversions

## Conversions Part 1

Format	Color
Hex	47E6A9
RGB	71, 230, 169
RGB Percent	28%, 90%, 66%
CMY	0.7216, 0.0980, 0.3373
CMYK	0.69, 0.00, 0.27, 0.10
HSL	157°, 76%, 59%
HSV	157°, 69%, 90%
XYZ	38.0568, 60.7978, 47.2655
YIQ	175.5050, -75.1830, -52.6790

# Conversions

## Conversions Part 2

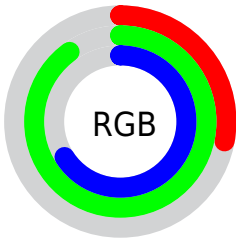
Format	Color
<a href="#">RYB</a>	<a href="#">71, 169, 230</a>
Decimal	<a href="#">4712105</a>
CIELab	<a href="#">82.27, -55.05, 18.00</a>
CIElCh	<a href="#">82, 57.918, 161.897</a>
Yxy	<a href="#">60.7978, 0.2604, 0.4161</a>
Android (android.graphics.Color)	<a href="#">4282902185 (0xFF47E6A9)</a>
YUV	<a href="#">175.5050, -3.2070, -91.6509</a>
Hunter-Lab	<a href="#">77.9729, -49.3309, 18.6408</a>

# Details

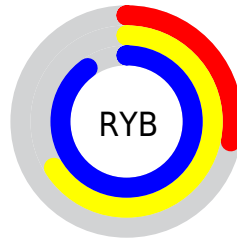
The Android color `4282902185` is a light color, and the websafe version is hex `00CC99`. The color can be described as light muted spring green. A complement of this color would be `4293281668`, and the grayscale version is `4289769648`.

A 20% lighter version of the original color is `4287234016`, and `4278234485` is the 20% darker color. If you saturate the color by 10%, you get `4281394848`, and if you desaturate by 10%, it is `4284409522`.

# Distribution



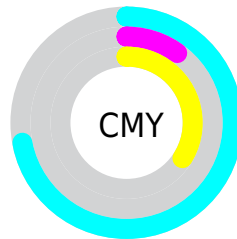
- Red (28%)
- Green (90%)
- Blue (66%)



- Red (28%)
- Yellow (66%)
- Blue (90%)



- Cyan (69%)
- Magenta (0%)
- Yellow (27%)
- Black (10%)



- Cyan (72%)
- Magenta (10%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282902185 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 4282902185 by changing the saturation by 10% instead.



 4282902185

 4282902185

4294967295


 4279683470

 4287234016

 4278234485

 4289265661

 4278227548

 4291297279

 4278220612

 4293328895

 4278213933

 4278207512


 4278201856

 4278193920

 4278190080

 4282902185

 4282902185

 4281394848

 4284409522

 4279887511

 4285916859


 4278380175

 4287424195

 4278249102

 4288931532

 4290438869

 4291946206

 4293453543

 4294960880

 4294960888

# Harmonies

## Analogous

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



4288470649



4282902185



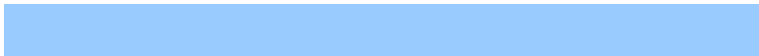
4278249697

# Triad

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



4282902185



4288269311



4294945415

# Complementary

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



4282902185



4293281668

# 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.



4294942649



4282902185



4293768959

# Square

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



4282902185



4278246655



4294943984



4294950500

# Rectangle

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



4282902185



4278249471



4294943984



4294944150

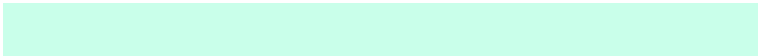


# Sweetspot

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



4282902185



4291428330



4287096391



4284514419



4278190080



4286611584



# Same Dimension

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



4282902185



4281073582



4282898150



4284969838



4278236014



4278203167



# Inverse Universe

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



4293281668



4294912893



4293285703



4285753196



4289921092



4281532436



# Previews

## White Background



This preview shows how the Android color 4282902185 looks on a white background.

## Color Contrast Check

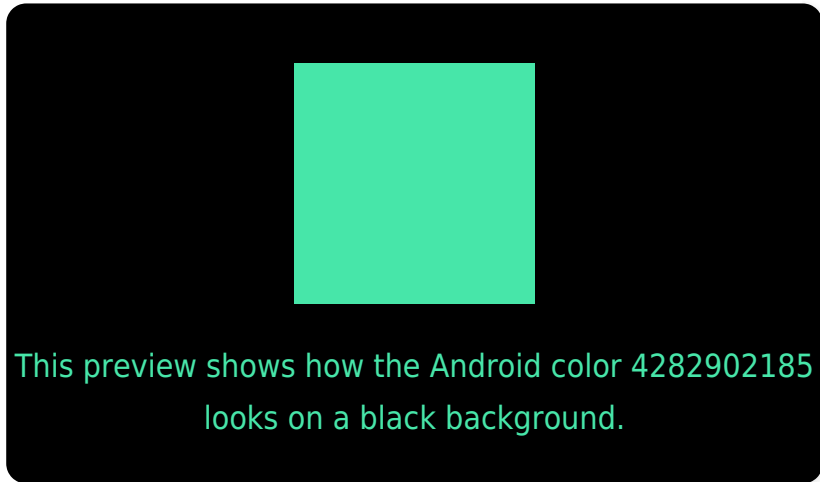
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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

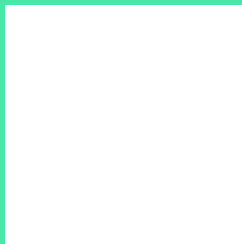
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4282902185 Background



This preview shows how black text looks on a background with the Android color 4282902185.



This preview shows how white text looks on a background with the Android color 4282902185.

# 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**

4282902185



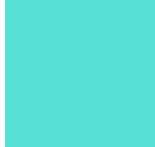
**Protanomaly**

4288992673



**Deuteranomaly**

4289581230



**Tritanomaly**

4284080342

# Monochromacy



**Original Color**

4282902185



**Achromatopsia**

4289769648



**Achromatomaly**

4287284397

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282902185 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, 230, 169)` looks like.

```
.text, #text, p{  
    color:rgb(71, 230, 169)  
}
```

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, 230, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 230, 169) }
```

## Border

The CSS property to change the border of an element to Android 4282902185 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, 230, 169) }
```

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

```
.border{ border-color:rgb(71, 230, 169) }
```

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

Here you see how a box with a 4 pixel rgb(71, 230, 169) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 230, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 230, 169);  
box-shadow:4px 4px 4px 4px rgb(71, 230,  
169) }
```

# Background

The CSS property to change the background color of an element to Android 4282902185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 230, 169) }
```

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

```
.background{ background-color: rgb(71, 230,  
169) }
```

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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