

# Converting Colors

Android(4282959982)

Have a look what the booklet for  
Android(4282959982) contains.

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# **Color**

**Android(4282959982)**

# Conversions

## Conversions Part 1

Format	Color
Hex	48C86E
RGB	72, 200, 110
RGB Percent	28%, 78%, 43%
CMY	0.7176, 0.2157, 0.5686
CMYK	0.64, 0.00, 0.45, 0.22
HSL	138°, 54%, 53%
HSV	138°, 64%, 78%
XYZ	26.1412, 43.8121, 21.8306
YIQ	151.4680, -47.3980, -55.1260

# Conversions

## Conversions Part 2

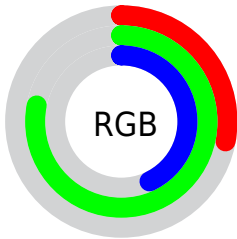
Format	Color
<a href="#">RYB</a>	<a href="#">72, 171, 200</a>
Decimal	<a href="#">4769902</a>
CIELab	<a href="#">72.10, -54.59, 34.84</a>
CIELCh	<a href="#">72, 64.764, 147.451</a>
Yxy	<a href="#">43.8121, 0.2848, 0.4773</a>
Android (android.graphics.Color)	<a href="#">4282959982 (0xFF48C86E)</a>
YUV	<a href="#">151.4680, -20.4437, -69.6934</a>
Hunter-Lab	<a href="#">66.1907, -45.3372, 26.7788</a>

# Details

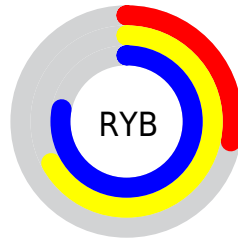
The Android color `4282959982` is a dark color, and the websafe version is hex `33CC66`. The color can be described as dark muted spring green. A complement of this color would be `4291315874`, and the grayscale version is `4288190616`.

A 20% lighter version of the original color is `4286971811`, and `4278227260` is the 20% darker color. If you saturate the color by 10%, you get `4281649248`, and if you desaturate by 10%, it is `4284270716`.

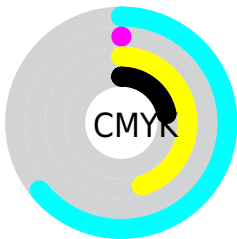
# Distribution



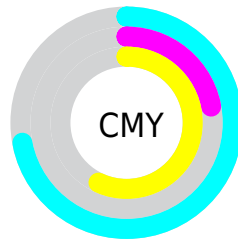
- Red (28%)
- Green (78%)
- Blue (43%)



- Red (28%)
- Yellow (67%)
- Blue (78%)



- Cyan (64%)
- Magenta (0%)
- Yellow (45%)
- Black (22%)



- Cyan (72%)
- Magenta (22%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282959982 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 4282959982 by changing the saturation by 10% instead.



 4282959982

 4282959982

4294967295

 4280462421

 4286971811

 4278227260

 4288937918

 4278220324

 4290838490

 4278213642

 4292804599

 4278207232

 4294770687

 4278201600

 4278193664

 4278190080

 4282959982

 4282959982

 4281649248

 4284270716

 4280338514

 4285581450

 4279027780

 4286892184

 4278241339

 4288202918

 4289513652

 4290824386

 4292135120

 4293445855

 4294756589

# Harmonies

## Analogous

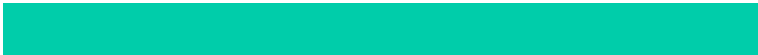
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4288331071



4282959982



4278242730

# Triad

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



4282959982



4278237695



4294934654

# Complementary

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



4282959982



4291315874

# 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.



4294933176



4282959982



4289307647

# Square

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



4282959982



4278241279



4294216433



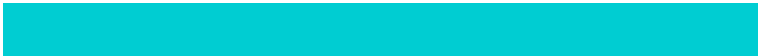
4294939981

# Rectangle

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



4282959982



4278242770



4294216433



4294933649

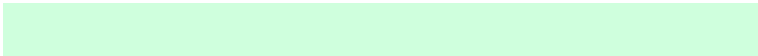


# Sweetspot

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



4282959982



4291821533



4288989256



4284645483



4278190080



4286611584



# Same Dimension

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



4282959982



4282122101



4282960044



4284113756



4278231856



4278199307



# Inverse Universe

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



4291315874



4294917061



4291315812



4284701280



4288872563



4280549401



# Previews

## White Background



This preview shows how the Android color 4282959982 looks on a white background.

## Color Contrast Check

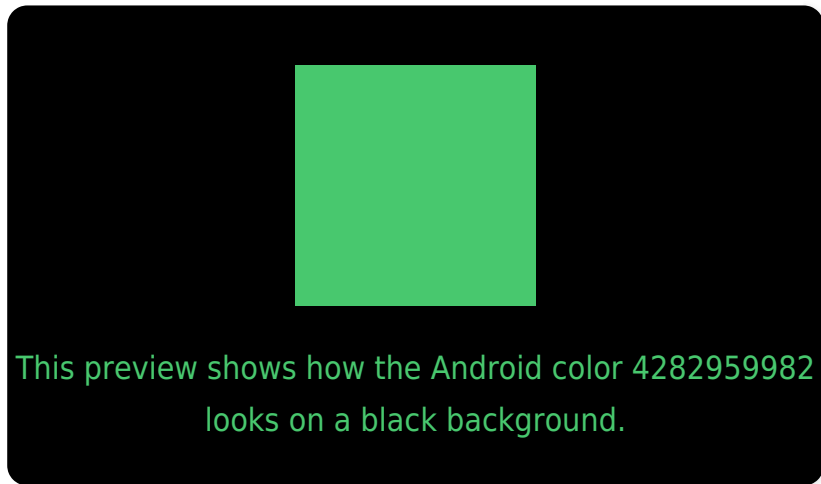
Large Text (above 18pt) WCAG AA × Fail

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 4282959982 Background



This preview shows how black text looks on a background with the Android color 4282959982.



This preview shows how white text looks on a background with the Android color 4282959982.

# 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**

4282959982



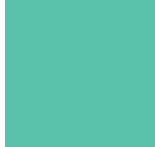
**Protanomaly**

4287936616



**Deuteranomaly**

4288722035



**Tritanomaly**

4284137898

# Monochromacy



**Original Color**

4282959982



**Achromatopsia**

4288124823



**Achromatomaly**

4286228872

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282959982 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(72, 200, 110)` looks like.

```
.text, #text, p{  
    color:rgb(72, 200, 110)  
}
```

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(72, 200, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 200, 110) }
```

## Border

The CSS property to change the border of an element to Android 4282959982 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(72, 200, 110) }
```

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

```
.border{ border-color:rgb(72, 200, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 200, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 200, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 200, 110);  
box-shadow:4px 4px 4px 4px rgb(72, 200,  
110) }
```

# Background

The CSS property to change the background color of an element to Android 4282959982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 200, 110) }
```

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

```
.background{ background-color: rgb(72, 200,  
110) }
```

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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