

# Converting Colors

Android(4283949189)

Have a look what the booklet for  
Android(4283949189) contains.

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# **Color**

**Android(4283949189)**

# Conversions

## Conversions Part 1

Format	Color
Hex	57E085
RGB	87, 224, 133
RGB Percent	34%, 88%, 52%
CMY	0.6588, 0.1216, 0.4784
CMYK	0.61, 0.00, 0.41, 0.12
HSL	140°, 69%, 61%
HSV	140°, 61%, 88%
XYZ	34.8198, 57.0310, 31.3632
YIQ	172.6630, -52.4410, -57.3450

# Conversions

## Conversions Part 2

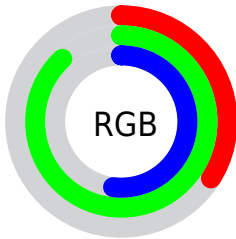
Format	Color
<a href="#">RYB</a>	<a href="#">87, 190, 224</a>
Decimal	<a href="#">5759109</a>
CIELab	<a href="#">80.20, -56.88, 33.77</a>
CIELCh	<a href="#">80, 66.148, 149.298</a>
Yxy	<a href="#">57.0310, 0.2826, 0.4629</a>
Android (android.graphics.Color)	<a href="#">4283949189 (0xFF57E085)</a>
YUV	<a href="#">172.6630, -19.5539, -75.1265</a>
Hunter-Lab	<a href="#">75.5189, -49.8564, 28.2399</a>

# Details

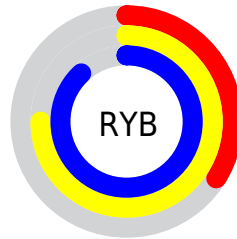
The Android color `4283949189` is a light color, and the websafe version is hex `33CC66`. The color can be described as light muted spring green. A complement of this color would be `4292892594`, and the grayscale version is `4289572269`.

A 20% lighter version of the original color is `4287954875`, and `4278233170` is the 20% darker color. If you saturate the color by 10%, you get `4282507382`, and if you desaturate by 10%, it is `4285390996`.

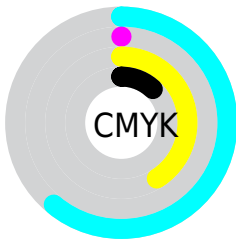
# Distribution



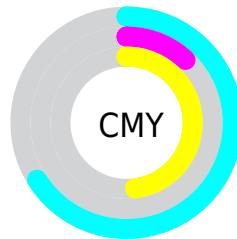
- Red (34%)
- Green (88%)
- Blue (52%)



- Red (34%)
- Yellow (75%)
- Blue (88%)



- Cyan (61%)
- Magenta (0%)
- Yellow (41%)
- Black (12%)



- Cyan (66%)
- Magenta (12%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283949189 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 4283949189 by changing the saturation by 10% instead.





4283949189



4283949189

4294967295



4281647979



4287954875



4278233170



4289920983



4278225978



4291887092



4278219298



4293918719



4278212615



4278206208



4278200320



4278190336



4278190080

 4283949189

 4283949189

 4282507382

 4285390996

 4281000039

 4286898339

 4279558232

 4288340146

 4278247499

 4289847489

 4291289295

 4292731102

 4294238445

 4294959356

 4294959359

# Harmonies

## Analogous

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



4289516884



4283949189



4278248899

# Triad

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



4283949189



4280930047



4294940302

# Complementary

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



4283949189



4292892594

# 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.



4294938827



4283949189



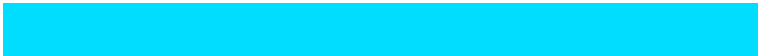
4291213311

# Square

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



4283949189



4278246911



4294942463



4294945884

# Rectangle

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



4283949189



4278248942



4294942463



4294939298

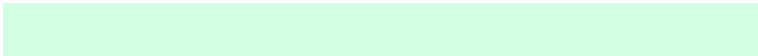


# Sweetspot

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



4283949189



4291952609



4289912919



4284711021



4278190080



4286611584



# Same Dimension

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



4283949189



4282777475



4283949257



4284837993



4278235195



4278202384



# Inverse Universe

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



4292892594



4294919616



4292892526



4285556076



4289724533



4281335840



# Previews

## White Background



This preview shows how the Android color 4283949189 looks on a white background.

## Color Contrast Check

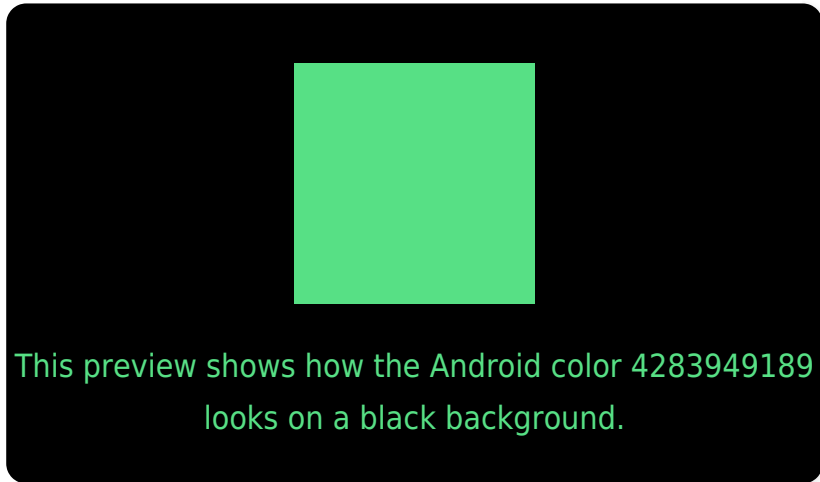
Large Text (above 18pt) WCAG AA × Fail

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

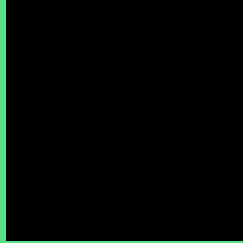
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4283949189 Background



This preview shows how black text looks on a background with the Android color 4283949189.

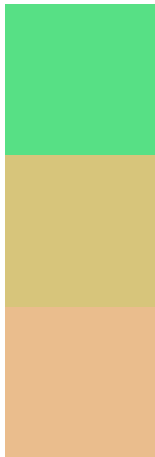


This preview shows how white text looks on a background with the Android color 4283949189.

# 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**  
4283949189

**Protanopia**  
4292330875

**Deuteranopia**  
4293574029



# Trichromacy



**Original Color**  
4283949189



**Protanomaly**  
4289253247



**Deuteranomaly**  
4290103946

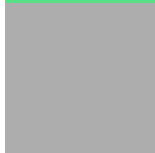


**Tritanomaly**  
4285127107

# Monochromacy



**Original Color**  
4283949189



**Achromatopsia**  
4289572269



**Achromatomaly**  
4287545502

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283949189 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(87, 224, 133)` looks like.

```
.text, #text, p{  
    color:rgb(87, 224, 133)  
}
```

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(87, 224, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 224, 133) }
```

## Border

The CSS property to change the border of an element to Android 4283949189 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(87, 224, 133) }
```

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

```
.border{ border-color:rgb(87, 224, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 224, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 224, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 224, 133);  
box-shadow:4px 4px 4px 4px rgb(87, 224,  
133) }
```

# Background

The CSS property to change the background color of an element to Android 4283949189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 224, 133) }
```

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

```
.background{ background-color: rgb(87, 224,  
133) }
```

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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