

# Converting Colors

Android(4283158912)

Have a look what the booklet for  
Android(4283158912) contains.

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# **Color**

**Android(4283158912)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4BD180
RGB	75, 209, 128
RGB Percent	29%, 82%, 50%
CMY	0.7059, 0.1804, 0.4980
CMYK	0.64, 0.00, 0.39, 0.18
HSL	144°, 59%, 56%
HSV	144°, 64%, 82%
XYZ	29.5984, 48.6553, 28.2535
YIQ	159.7000, -53.8630, -53.5990

# Conversions

## Conversions Part 2

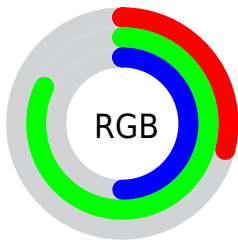
Format	Color
<a href="#">RYB</a>	<a href="#">75, 171, 209</a>
Decimal	<a href="#">4968832</a>
CIELab	<a href="#">75.24, -54.35, 29.74</a>
CIELCh	<a href="#">75, 61.957, 151.316</a>
Yxy	<a href="#">48.6553, 0.2779, 0.4568</a>
Android (android.graphics.Color)	<a href="#">4283158912 (0xFF4BD180)</a>
YUV	<a href="#">159.7000, -15.6281, -74.2819</a>
Hunter-Lab	<a href="#">69.7533, -46.3256, 24.8120</a>

# Details

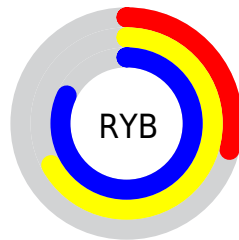
The Android color **4283158912** is a dark color, and the websafe version is hex **33CC66**. The color can be described as middle muted spring green. A complement of this color would be **4291906460**, and the grayscale version is **4288716960**.

A 20% lighter version of the original color is **4287233973**, and **4278229326** is the 20% darker color. If you saturate the color by 10%, you get **4281782643**, and if you desaturate by 10%, it is **4284535181**.

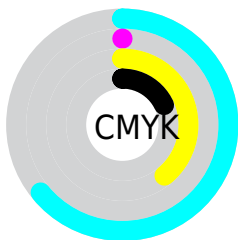
# Distribution



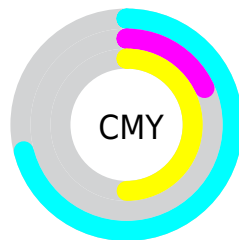
- Red (29%)
- Green (82%)
- Blue (50%)



- Red (29%)
- Yellow (67%)
- Blue (82%)



- Cyan (64%)
- Magenta (0%)
- Yellow (39%)
- Black (18%)



- Cyan (71%)
- Magenta (18%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283158912 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 4283158912 by changing the saturation by 10% instead.





4283158912



4283158912

4294967295



4280661350



4287233973



4278229326



4289134545



4278222646



4291100654



4278215710



4293066751



4278209286



4278203392



4278196992




4278190080



4283158912



4283158912

 4281782643

 4284535181

 4280406375

 4285911449

 4279030106

 4287287718

 4278243667

 4288663987

 4290040255

 4291350988

 4292727256

 4294103525

 4294955506

# Harmonies

## Analogous

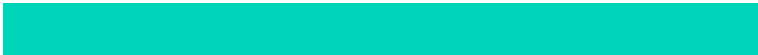
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4288464722



4283158912



4278244794

# Triad

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



4283158912



4282433535



4294938241

# Complementary

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



4283158912



4291906460

# 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.



4294936249



4283158912



4290750975

# Square

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



4283158912



4278242815



4294939377



4294943317

# Rectangle

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



4283158912



4278244833



4294939377



4294936979

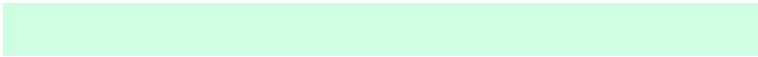


# Sweetspot

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



4283158912



4291821538



4288598347



4284645486



4278190080



4286611584



# Same Dimension

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



4283158912



4282122120



4283158977



4284377442



4278233155



4278200592



# Inverse Universe

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



4291906460



4294917041



4291906395



4285095524



4289200230



4280877081



# Previews

## White Background



This preview shows how the Android color 4283158912 looks on a white background.

## Color Contrast Check

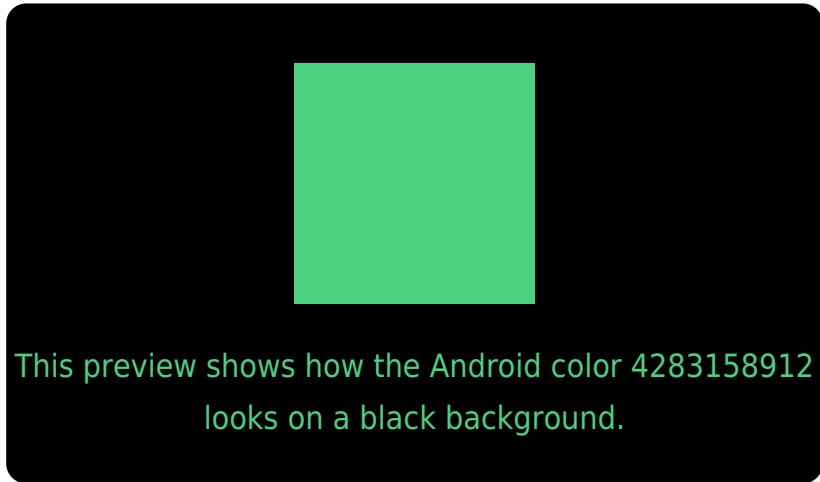
Large Text (above 18pt) WCAG AA × Fail

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 4283158912 Background



This preview shows how black text looks on a background with the Android color 4283158912.

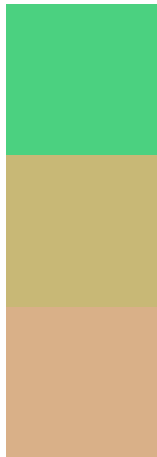


This preview shows how white text looks on a background with the Android color 4283158912.

# 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**  
4283158912

**Protanopia**  
4291344502

**Deuteranopia**  
4292456584



# Trichromacy



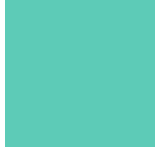
**Original Color**  
4283158912



**Protanomaly**  
4288397690



**Deuteranomaly**  
4289051781



**Tritanomaly**  
4284337079

# Monochromacy



**Original Color**  
4283158912



**Achromatopsia**  
4288716960



**Achromatomaly**  
4286689940

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283158912 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(75, 209, 128)` looks like.

```
.text, #text, p{  
    color:rgb(75, 209, 128)  
}
```

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(75, 209, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 209, 128) }
```

## Border

The CSS property to change the border of an element to Android 4283158912 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(75, 209, 128) }
```

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

```
.border{ border-color:rgb(75, 209, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 209, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 209, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 209, 128);  
box-shadow:4px 4px 4px 4px rgb(75, 209,  
128) }
```

# Background

The CSS property to change the background color of an element to Android 4283158912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 209, 128) }
```

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

```
.background{ background-color: rgb(75, 209,  
128) }
```

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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