

# Converting Colors

Android(4283947187)

Have a look what the booklet for  
Android(4283947187) contains.

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**Color**

**Android(4283947187)**

# Conversions

## Conversions Part 1

Format	Color
Hex	57D8B3
RGB	87, 216, 179
RGB Percent	34%, 85%, 70%
CMY	0.6588, 0.1529, 0.2980
CMYK	0.60, 0.00, 0.17, 0.15
HSL	163°, 62%, 59%
HSV	163°, 60%, 85%
XYZ	36.6230, 54.3926, 51.2164
YIQ	173.2110, -65.0070, -38.8550

# Conversions

## Conversions Part 2

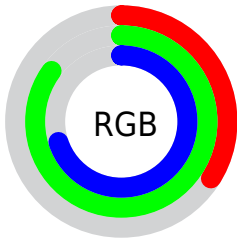
Format	Color
<a href="#">RYB</a>	<a href="#">87, 162, 216</a>
Decimal	<a href="#">5757107</a>
CIELab	<a href="#">78.69, -44.31, 7.72</a>
CIElCh	<a href="#">79, 44.976, 170.120</a>
Yxy	<a href="#">54.3926, 0.2575, 0.3824</a>
Android (android.graphics.Color)	<a href="#">4283947187</a> ( <a href="#">0xFF57D8B3</a> )
YUV	<a href="#">173.2110, 2.8540, -75.6070</a>
Hunter-Lab	<a href="#">73.7514, -40.4264, 10.4522</a>

# Details

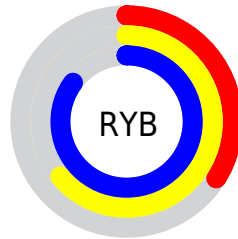
The Android color `4283947187` is a light color, and the websafe version is hex `66CC99`. The color can be described as light muted spring green. A complement of this color would be `4292368252`, and the grayscale version is `4289572269`.

A 20% lighter version of the original color is `4287954923`, and `4278231166` is the 20% darker color. If you saturate the color by 10%, you get `4282505389`, and if you desaturate by 10%, it is `4285388985`.

# Distribution



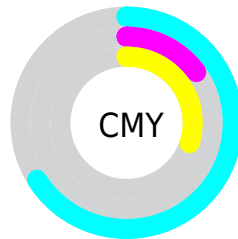
- Red (34%)
- Green (85%)
- Blue (70%)



- Red (34%)
- Yellow (64%)
- Blue (85%)



- Cyan (60%)
- Magenta (0%)
- Yellow (17%)
- Black (15%)



- Cyan (66%)
- Magenta (15%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283947187 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 4283947187 by changing the saturation by 10% instead.





4283947187



4283947187

4294967295



4281711768



4287954923



4278231166



4289855487



4278224485



4291821567



4278217805



4293787647



4278211127



4278204961



4278199563



4278190080




4283947187



4283947187

 4282505389

 4285388985

 4281129127

 4286765247


 4279687328

 4288207046

 4278311066

 4289583308

 4278245530

 4291025106

 4292466904

 4293843166

 4294957285

 4294957291

# Harmonies

## Analogous

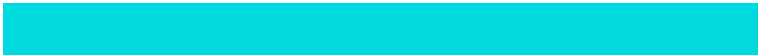
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4287746956



4283947187



4278245854

# Triad

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



4283947187



4289969663



4294946180

# Complementary

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



4283947187



4292368252

# 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.



4294943656



4283947187



4293570297

# Square

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



4283947187



4285058047



4294943698



4293573744

# Rectangle

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



4283947187



4278245111



4294943698



4294945167

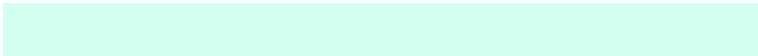


# Sweetspot

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



4283947187



4291952626



4286502999



4284711031



4278190080



4286611584



# Same Dimension

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



4283947187



4282908618



4283940568



4284509032



4278233978



4278201119



# Inverse Universe

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



4292368252



4294920060



4292374871



4285227107



4289396785

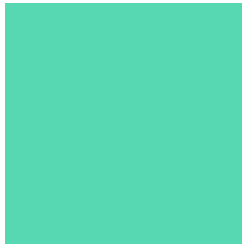


4281008140



# Previews

## White Background



This preview shows how the Android color 4283947187 looks on a white background.

## Color Contrast Check

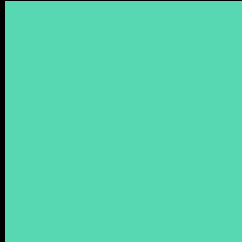
Large Text (above 18pt) WCAG AA × Fail

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 4283947187 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

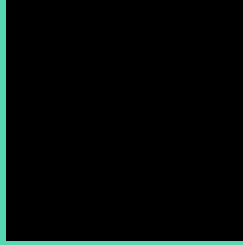
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4283947187 Background



This preview shows how black text looks on a background with the Android color 4283947187.



This preview shows how white text looks on a background with the Android color 4283947187.

# Color Blindness Simulation

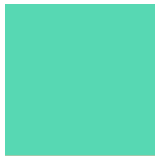
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



**Original Color**

4283947187



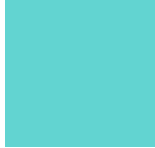
**Protanomaly**

4288793003



**Deuteranomaly**

4289250999



**Tritanomaly**

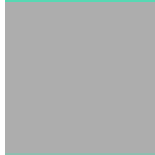
4284667089

# Monochromacy



**Original Color**

4283947187



**Achromatopsia**

4289572269



**Achromatomaly**

4287544751

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283947187 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, 216, 179)` looks like.

```
.text, #text, p{  
    color:rgb(87, 216, 179)  
}
```

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, 216, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 216, 179) }
```

## Border

The CSS property to change the border of an element to Android 4283947187 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, 216, 179) }
```

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

```
.border{ border-color:rgb(87, 216, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 216, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 216, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 216, 179);  
box-shadow:4px 4px 4px 4px rgb(87, 216,  
179) }
```

# Background

The CSS property to change the background color of an element to Android 4283947187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 216, 179) }
```

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

```
.background{ background-color: rgb(87, 216,  
179) }
```

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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