

# Converting Colors

Android(4283817392)

Have a look what the booklet for  
Android(4283817392) contains.

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# **Color**

**Android(4283817392)**

# Conversions

## Conversions Part 1

Format	Color
Hex	55DDB0
RGB	85, 221, 176
RGB Percent	33%, 87%, 69%
CMY	0.6667, 0.1333, 0.3098
CMYK	0.62, 0.00, 0.20, 0.13
HSL	160°, 67%, 60%
HSV	160°, 62%, 87%
XYZ	37.4392, 56.7788, 50.0604
YIQ	175.2060, -66.6110, -42.8270

# Conversions

## Conversions Part 2

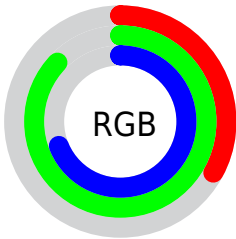
<b>Format</b>	<b>Color</b>
<b>RYB</b>	85, 166, 221
Decimal	5627312
CIELab	80.06, -47.51, 11.25
CIELCh	80, 48.822, 166.678
Yxy	56.7788, 0.2595, 0.3935
Android (android.graphics.Color)	4283817392 (0xFF55DDB0)
YUV	175.2060, 0.3914, -79.1107
Hunter-Lab	75.3517, -43.1760, 13.3565

# Details

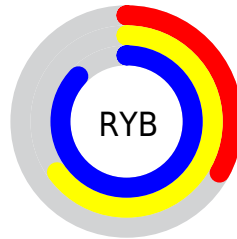
The Android color `4283817392` is a light color, and the websafe version is hex `33CC99`. The color can be described as light muted spring green. A complement of this color would be `4292695426`, and the grayscale version is `4289703855`.

A 20% lighter version of the original color is `4287889384`, and `4278232443` is the 20% darker color. If you saturate the color by 10%, you get `4282375593`, and if you desaturate by 10%, it is `4285259191`.

# Distribution



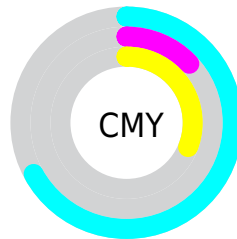
- Red (33%)
- Green (87%)
- Blue (69%)



- Red (33%)
- Yellow (65%)
- Blue (87%)



- Cyan (62%)
- Magenta (0%)
- Yellow (20%)
- Black (13%)



- Cyan (67%)
- Magenta (13%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283817392 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 4283817392 by changing the saturation by 10% instead.





4283817392



4283817392

4294967295



4281450901



4287889384



4278232443



4289855487



4278225507



4291821567



4278218827



4293787647



4278212148



4278205983



4278200327



4278190080



4283817392



4283817392

■ 4282375593

■ 4285259191

■ 4280933793

■ 4286700991

■ 4279491994

■ 4288142790

■ 4278246804

■ 4289584589

■ 4291026389

■ 4292533724

■ 4293975523

■ 4294958571

■ 4294958578

# Harmonies

## Analogous

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



4288075654



4283817392



4278247135

# Triad

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



4283817392



4289446655



4294946182

# Complementary

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



4283817392



4292695426

# 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.



4294943663



4283817392



4293636607

# Square

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



4283817392



4283486719



4294943965



4294294893

# Rectangle

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



4283817392



4278246652



4294943965



4294944914

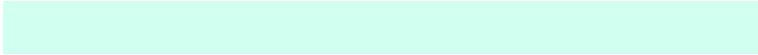


# Sweetspot

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



4283817392



4291952624



4286766421



4284711030



4278190080



4286611584



# Same Dimension

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



4283817392



4282580929



4283811549



4284706410



4278234484



4278201887



# Inverse Universe

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



4292695426



4294918785



4292701269



4285424486



4289527865

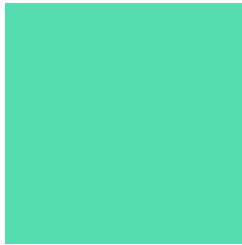


4281204751



# Previews

## White Background



This preview shows how the Android color 4283817392 looks on a white background.

## Color Contrast Check

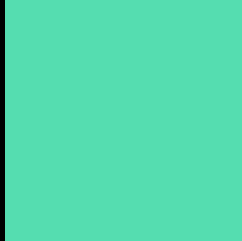
Large Text (above 18pt) WCAG AA × Fail

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 4283817392 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

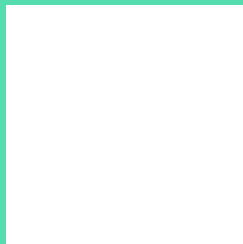
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4283817392 Background



This preview shows how black text looks on a background with the Android color 4283817392.

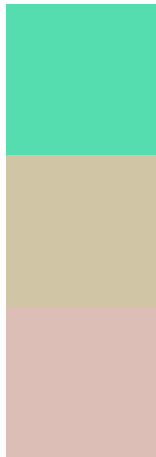


This preview shows how white text looks on a background with the Android color 4283817392.

# 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**  
4283817392

**Protanopia**  
4291872164

**Deuteranopia**  
4292722359



# Trichromacy



**Original Color**  
4283817392



**Protanomaly**  
4288925352



**Deuteranomaly**  
4289513908

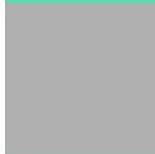


**Tritanomaly**  
4284668371

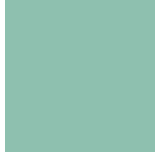
# Monochromacy



**Original Color**  
4283817392



**Achromatopsia**  
4289703855



**Achromatomaly**  
4287545519

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283817392 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(85, 221, 176)` looks like.

```
.text, #text, p{  
    color:rgb(85, 221, 176)  
}
```

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(85, 221, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 221, 176) }
```

## Border

The CSS property to change the border of an element to Android 4283817392 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(85, 221, 176) }
```

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

```
.border{ border-color:rgb(85, 221, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 221, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 221, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 221, 176);  
box-shadow:4px 4px 4px 4px rgb(85, 221,  
176) }
```

# Background

The CSS property to change the background color of an element to Android 4283817392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 221, 176) }
```

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

```
.background{ background-color: rgb(85, 221,  
176) }
```

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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