

# Converting Colors

Android(4283812287)

Have a look what the booklet for  
Android(4283812287) contains.

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# **Color**

**Android(4283812287)**

# Conversions

## Conversions Part 1

Format	Color
Hex	55C9BF
RGB	85, 201, 191
RGB Percent	33%, 79%, 75%
CMY	0.6667, 0.2118, 0.2510
CMYK	0.58, 0.00, 0.05, 0.21
HSL	175°, 52%, 56%
HSV	175°, 58%, 79%
XYZ	34.0369, 47.4662, 56.6582
YIQ	165.1760, -65.9260, -27.7020

# Conversions

## Conversions Part 2

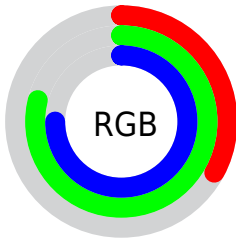
<b>Format</b>	<b>Color</b>
<b>RYB</b>	85, 146, 201
Decimal	5622207
CIELab	74.49, -34.97, -4.85
CIELCh	74, 35.301, 187.903
Yxy	47.4662, 0.2464, 0.3436
Android (android.graphics.Color)	4283812287 (0xFF55C9BF)
YUV	165.1760, 12.7312, -70.3144
Hunter-Lab	68.8957, -32.3821, -0.5317

# Details

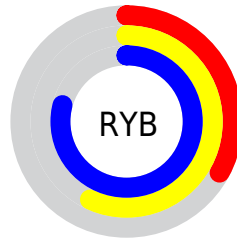
The Android color `4283812287` is a light color, and the websafe version is hex `33CCCC`. The color can be described as light muted spring green. A complement of this color would be `4291384671`, and the grayscale version is `4289045925`.

A 20% lighter version of the original color is `4287758327`, and `4278227594` is the 20% darker color. If you saturate the color by 10%, you get `4282501565`, and if you desaturate by 10%, it is `4285123009`.

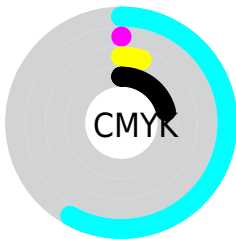
# Distribution



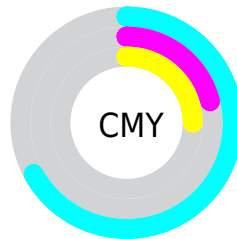
- Red (33%)
- Green (79%)
- Blue (75%)



- Red (33%)
- Yellow (57%)
- Blue (79%)



- Cyan (58%)
- Magenta (0%)
- Yellow (5%)
- Black (21%)



- Cyan (67%)
- Magenta (21%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283812287 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 4283812287 by changing the saturation by 10% instead.



 4283812287

 4283812287

4294967295

 4281576868

 4287758327

 4278227594

 4289658879

 4278220912

 4291624959

 4278214488

 4293591039

 4278208065

 4278202155

 4278196502

 4278190080

 4283812287

 4283812287

 4282501565

 4285123009

 4281190844

 4286433730

 4279880122

 4287744452

 4278569400

 4289055174

 4278241720

 4290431432

 4291742153

 4293052875

 4294363597

 4294953423

# Harmonies

## Analogous

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



4286302110



4283812287



4282763230

# Triad

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



4283812287



4291276011



4293045628

# Complementary

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



4283812287



4291384671

# 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.



4294222737



4283812287



4293370576

# Square

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



4283812287



4288198647



4294418352



4291147894

# Rectangle

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



4283812287



4283942125



4294418352



4293503361

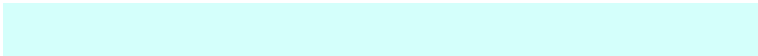


# Sweetspot

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



4283812287



4292149243



4284598613



4284907645



4278190080



4286611584



# Same Dimension

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



4283812287



4283432944



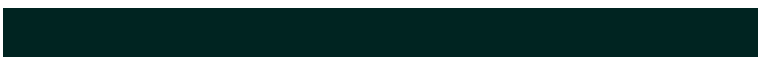
4283800521



4284113763



4278231957



4278199329



# Inverse Universe

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



4291384671



4294922078



4291396437



4284701274



4288872462

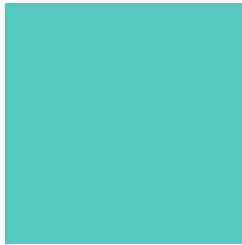


4280549379



# Previews

## White Background



This preview shows how the Android color 4283812287 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 4283812287 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

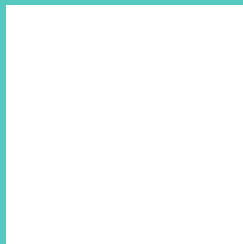
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4283812287 Background



This preview shows how black text looks on a background with the Android color 4283812287.



This preview shows how white text looks on a background with the Android color 4283812287.

# 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**

4283812287



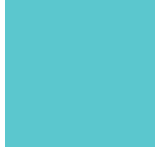
**Protanomaly**

4288003255



**Deuteranomaly**

4288330434



**Tritanomaly**

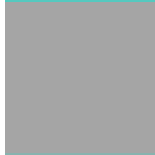
4284205006

# Monochromacy



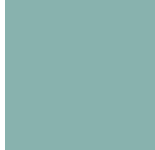
**Original Color**

4283812287



**Achromatopsia**

4289045925



**Achromatomaly**

4287148718

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283812287 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, 201, 191)` looks like.

```
.text, #text, p{  
    color:rgb(85, 201, 191)  
}
```

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, 201, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 201, 191) }
```

## Border

The CSS property to change the border of an element to Android 4283812287 is called "border". The border property can be set on classes, ids or directly on the HTML element.

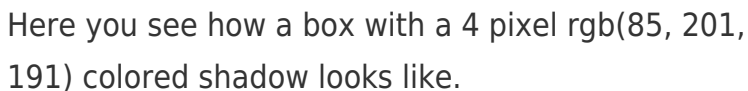
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(85, 201, 191) }
```

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

```
.border{ border-color:rgb(85, 201, 191) }
```

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



Here you see how a box with a 4 pixel `rgb(85, 201, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(85, 201, 191); -webkit-box-shadow:4px 4px 4px 4px rgb(85, 201, 191); box-shadow:4px 4px 4px 4px rgb(85, 201, 191) }
```

# Background

The CSS property to change the background color of an element to Android 4283812287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 201, 191) }
```

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

```
.background{ background-color: rgb(85, 201,  
191) }
```

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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