

Converting Colors

Android(4284207037)

Have a look what the booklet for
Android(4284207037) contains.

Android(4284207037)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4284207037)

Conversions

Conversions Part 1

Format	Color
Hex	5BCFBD
RGB	91, 207, 189
RGB Percent	36%, 81%, 74%
CMY	0.6431, 0.1882, 0.2588
CMYK	0.56, 0.00, 0.09, 0.19
HSL	171°, 55%, 58%
HSV	171°, 56%, 81%
XYZ	35.8125, 50.5239, 56.0087
YIQ	170.2640, -63.3580, -30.1900

Conversions

Conversions Part 2

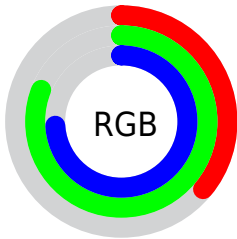
Format	Color
RYB	91, 154, 207
Decimal	6016957
CIELab	76.39, -37.10, -0.96
CIELCh	76, 37.110, 181.477
Yxy	50.5239, 0.2516, 0.3549
Android (android.graphics.Color)	4284207037 (0xFF5BCFBD)
YUV	170.2640, 9.2368, -69.5145
Hunter-Lab	71.0802, -34.4562, 3.0377

Details

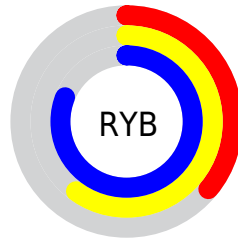
The Android color `4284207037` is a light color, and the websafe version is hex `33CCCC`. The color can be described as light muted spring green. A complement of this color would be `4291779437`, and the grayscale version is `4289374890`.

A 20% lighter version of the original color is `4288086005`, and `4278950024` is the 20% darker color. If you saturate the color by 10%, you get `4282830778`, and if you desaturate by 10%, it is `4285583296`.

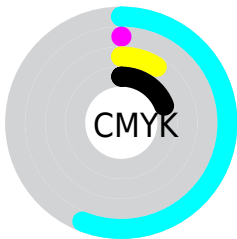
Distribution



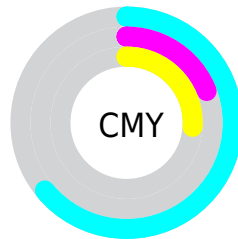
- Red (36%)
- Green (81%)
- Blue (74%)



- Red (36%)
- Yellow (60%)
- Blue (81%)



- Cyan (56%)
- Magenta (0%)
- Yellow (9%)
- Black (19%)



- Cyan (64%)
- Magenta (19%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284207037 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 4284207037 by changing the saturation by 10% instead.

 4284207037

 4284207037

4294967295


 4282102690

 4288086005

 4278950024

 4290052095

 4278222446

 4291952639

 4278215766

 4293918719

 4278209343

 4278203433

 4278198037


 4278190080

 4284207037

 4284207037

 4282830778

 4285583296

 4281520055

 4286894019

 4280143795

 4288270279

 4278767536

 4289646538

 4278243247

 4291022797

 4292333520

 4293709779

 4294954967

 4294954970

Harmonies

Analogous

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



4286958747



4284207037



4282371807

Triad

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



4284207037



4291015671



4293832577

Complementary

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



4284207037



4291779437

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.



4294878618



4284207037



4293503198

Square

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



4284207037



4287610879



4294877884



4292000631

Rectangle

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



4284207037



4283157489



4294877884



4294290312

Sweetspot

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



4284207037



4292149240



4285452123



4284907644



4278190080



4286611584

Same Dimension

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



4284207037



4283760612



4284197071



4284377447



4278233230



4278200610

Inverse Universe

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



4291779437



4294923375



4291789403



4285095520



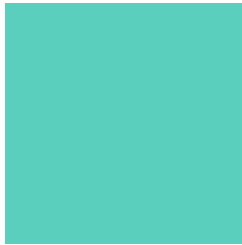
4289200154



4280877062

Previews

White Background



This preview shows how the Android color 4284207037 looks on a white background.

Color Contrast Check

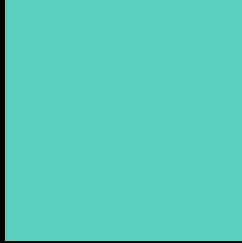
Large Text (above 18pt) WCAG AA × Fail

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 4284207037 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

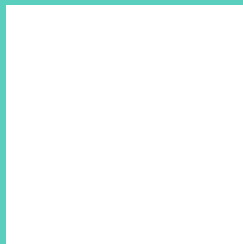
Any Text WCAG AAA ✓ Pass

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

Android 4284207037 Background



This preview shows how black text looks on a background with the Android color 4284207037.



This preview shows how white text looks on a background with the Android color 4284207037.

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

4284207037



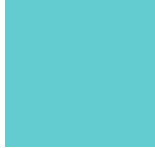
Protanomaly

4288463541



Deuteranomaly

4288855744



Tritanomaly

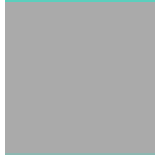
4284665040

Monochromacy



Original Color

4284207037



Achromatopsia

4289374890



Achromatomaly

4287477681

CSS Examples

Text

The CSS property to change the color of the text to Android 4284207037 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(91, 207, 189)` looks like.

```
.text, #text, p{  
    color:rgb(91, 207, 189)  
}
```

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(91, 207, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 207, 189) }
```

Border

The CSS property to change the border of an element to Android 4284207037 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(91, 207, 189) }
```

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

```
.border{ border-color:rgb(91, 207, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 207, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 207, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 207, 189);  
box-shadow:4px 4px 4px 4px rgb(91, 207,  
189) }
```

Background

The CSS property to change the background color of an element to Android 4284207037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 207, 189) }
```

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

```
.background{ background-color: rgb(91, 207,  
189) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor