

Converting Colors

Android(4283942569)

Have a look what the booklet for
Android(4283942569) contains.

Android(4283942569)	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(4283942569)

Conversions

Conversions Part 1

Format	Color
Hex	57C6A9
RGB	87, 198, 169
RGB Percent	34%, 78%, 66%
CMY	0.6588, 0.2235, 0.3373
CMYK	0.56, 0.00, 0.15, 0.22
HSL	164°, 49%, 56%
HSV	164°, 56%, 78%
XYZ	31.2860, 45.2790, 44.6269
YIQ	161.5050, -56.8470, -32.5510

Conversions

Conversions Part 2

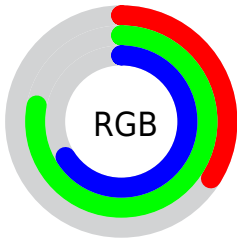
Format	Color
RYB	87, 151, 198
Decimal	5752489
CIELab	73.08, -38.72, 5.02
CIELCh	73, 39.039, 172.619
Yxy	45.2790, 0.2582, 0.3736
Android (android.graphics.Color)	4283942569 (0xFF57C6A9)
YUV	161.5050, 3.6950, -65.3409
Hunter-Lab	67.2897, -34.7642, 7.7813

Details

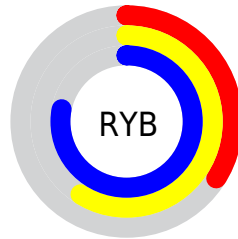
The Android color **4283942569** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted spring green. A complement of this color would be **4291188596**, and the grayscale version is **4288848546**.

A 20% lighter version of the original color is **4287758304**, and **4278882165** is the 20% darker color. If you saturate the color by 10%, you get **4282631844**, and if you desaturate by 10%, it is **4285253294**.

Distribution



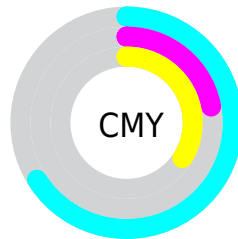
- Red (34%)
- Green (78%)
- Blue (66%)



- Red (34%)
- Yellow (59%)
- Blue (78%)



- Cyan (56%)
- Magenta (0%)
- Yellow (15%)
- Black (22%)



- Cyan (66%)
- Magenta (22%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283942569 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 4283942569 by changing the saturation by 10% instead.



4283942569



4283942569

4294967295



4281903759



4287758304



4278882165



4289658877



4278220124



4291624959



4278213701



4293525503



4278207535



4278201626



4278194944



4278190080




4283942569



4283942569

 4282631844

 4285253294

 4281321119

 4286564019

 4280075929


 4287809209

 4278765204

 4289119934

 4278240914

 4290430659

 4291741384

 4293052109

 4294297298

 4294952664

Harmonies

Analogous

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



4287021703



4283942569



4280534734

Triad

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



4283942569



4289441269



4293763708

Complementary

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



4283942569



4291188596

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.



4294547866



4283942569



4292387295

Square

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



4283942569



4285577978



4294154430



4292062828

Rectangle

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



4283942569



4280141027



4294154430



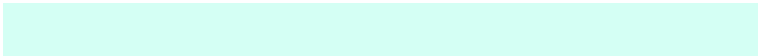
4294155909

Sweetspot

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



4283942569



4292149236



4285908567



4284907641



4278190080



4286611584

Same Dimension

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



4283942569



4283760594



4283935942



4284113761



4278231929



4278199322

Inverse Universe

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



4291188596



4294923393



4291195223



4284701276



4288872491



4280549385

Previews

White Background



This preview shows how the Android color 4283942569 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 4283942569 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 4283942569 Background



This preview shows how black text looks on a background with the Android color 4283942569.



This preview shows how white text looks on a background with the Android color 4283942569.

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

4283942569



Protanomaly

4288068002



Deuteranomaly

4288525741



Tritanomaly

4284465858

Monochromacy



Original Color

4283942569



Achromatopsia

4288848546



Achromatomaly

4287082405

CSS Examples

Text

The CSS property to change the color of the text to Android 4283942569 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, 198, 169)` looks like.

```
.text, #text, p{  
    color:rgb(87, 198, 169)  
}
```

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, 198, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 198, 169) }
```

Border

The CSS property to change the border of an element to Android 4283942569 is called "border". The border property can be set on classes, ids or directly on the HTML element.

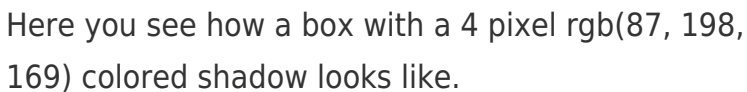
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(87, 198, 169) }
```

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

```
.border{ border-color:rgb(87, 198, 169) }
```

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



Here you see how a box with a 4 pixel `rgb(87, 198, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(87, 198, 169); -webkit-box-shadow:4px 4px 4px 4px rgb(87, 198, 169); box-shadow:4px 4px 4px 4px rgb(87, 198, 169) }
```

Background

The CSS property to change the background color of an element to Android 4283942569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 198, 169) }
```

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

```
.background{ background-color: rgb(87, 198,  
169) }
```

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