

Converting Colors

Android(4283418768)

Have a look what the booklet for
Android(4283418768) contains.

Android(4283418768)	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(4283418768)

Conversions

Conversions Part 1

Format	Color
Hex	4FC890
RGB	79, 200, 144
RGB Percent	31%, 78%, 56%
CMY	0.6902, 0.2157, 0.4353
CMYK	0.60, 0.00, 0.28, 0.22
HSL	152°, 52%, 55%
HSV	152°, 60%, 78%
XYZ	28.9128, 44.9844, 33.5446
YIQ	157.4370, -54.1400, -43.0680

Conversions

Conversions Part 2

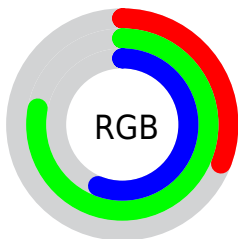
Format	Color
RYB	79, 158, 200
Decimal	5228688
CIELab	72.88, -46.84, 18.17
CIELCh	73, 50.241, 158.802
Yxy	44.9844, 0.2691, 0.4187
Android (android.graphics.Color)	4283418768 (0xFF4FC890)
YUV	157.4370, -6.6244, -68.7892
Hunter-Lab	67.0704, -40.4254, 17.2960

Details

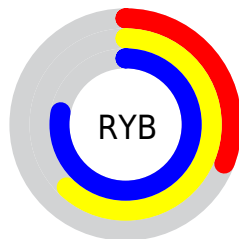
The Android color **4283418768** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **4291317639**, and the grayscale version is **4288585374**.

A 20% lighter version of the original color is **4287299526**, and **4278227293** is the 20% darker color. If you saturate the color by 10%, you get **4282108039**, and if you desaturate by 10%, it is **4284729497**.

Distribution



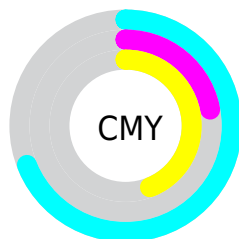
- Red (31%)
- Green (78%)
- Blue (56%)



- Red (31%)
- Yellow (62%)
- Blue (78%)



- Cyan (60%)
- Magenta (0%)
- Yellow (28%)
- Black (22%)



- Cyan (69%)
- Magenta (22%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283418768 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 4283418768 by changing the saturation by 10% instead.

 4283418768

 4283418768

4294967295


 4281183350

 4287299526

 4278227293

 4289265634

 4278220614

 4291166207

 4278213935

 4293132287

 4278207513

 4278201856

 4278194688

 4278190080

 4283418768

 4283418768

 4282108039

 4284729497

 4280797309

 4286040227

 4279486580

 4287350956

 4278241387

 4288661685

 4289972414

 4291283144

 4292593873

 4293904602

 4294953187

Harmonies

Analogous

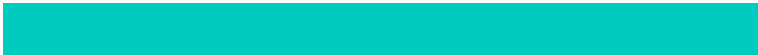
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4287676777



4283418768



4278242239

Triad

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



4283418768



4286559231



4294940028

Complementary

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



4283418768



4291317639

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.



4294937767



4283418768



4291404539

Square

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



4283418768



4278239743



4294349525



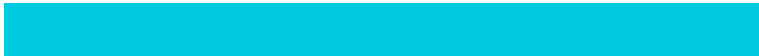
4293567837

Rectangle

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



4283418768



4278242014



4294349525



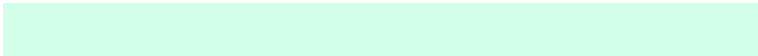
4294939017

Sweetspot

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



4283418768



4291952618



4287088719



4284711027



4278190080



4286611584

Same Dimension

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



4283418768



4282777513



4283417800



4284113759



4278231896



4278199315

Inverse Universe

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



4291317639



4294919579



4291318607



4284701278



4288872524



4280549393

Previews

White Background



This preview shows how the Android color 4283418768 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 4283418768 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 4283418768 Background



This preview shows how black text looks on a background with the Android color 4283418768.



This preview shows how white text looks on a background with the Android color 4283418768.

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



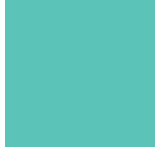
Original Color
4283418768



Protanomaly
4288067978



Deuteranomaly
4288657044



Tritanomaly
4284269496

Monochromacy



Original Color
4283418768



Achromatopsia
4288519581



Achromatomaly
4286688664

CSS Examples

Text

The CSS property to change the color of the text to Android 4283418768 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(79, 200, 144)` looks like.

```
.text, #text, p{  
    color:rgb(79, 200, 144)  
}
```

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(79, 200, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 200, 144) }
```

Border

The CSS property to change the border of an element to Android 4283418768 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(79, 200, 144) }
```

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

```
.border{ border-color:rgb(79, 200, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 200, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 200, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 200, 144);  
box-shadow:4px 4px 4px 4px rgb(79, 200,  
144) }
```

Background

The CSS property to change the background color of an element to Android 4283418768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 200, 144) }
```

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

```
.background{ background-color: rgb(79, 200,  
144) }
```

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