

Converting Colors

Android(4283682934)

Have a look what the booklet for
Android(4283682934) contains.

Android(4283682934)	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(4283682934)

Conversions

Conversions Part 1

Format	Color
Hex	53D076
RGB	83, 208, 118
RGB Percent	33%, 82%, 46%
CMY	0.6745, 0.1843, 0.5373
CMYK	0.60, 0.00, 0.43, 0.18
HSL	137°, 57%, 57%
HSV	137°, 60%, 82%
XYZ	29.3932, 48.2588, 24.9052
YIQ	160.3650, -45.6100, -54.4900

Conversions

Conversions Part 2

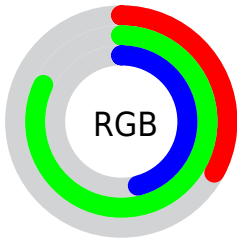
Format	Color
R_{YB}	83, 181, 208
Decimal	5492854
CIE _{Lab}	74.99, -54.07, 34.56
CIE _{LCh}	75, 64.171, 147.412
Yxy	48.2588, 0.2866, 0.4706
Android (android.graphics.Color)	4283682934 (0xFF53D076)
YUV	160.3650, -20.8859, -67.8491
Hunter-Lab	69.4685, -46.0439, 27.3718

Details

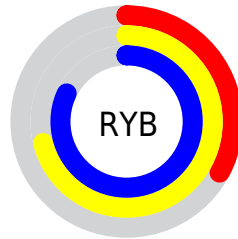
The Android color `4283682934` is a dark color, and the websafe version is hex `66CC66`. The color can be described as middle muted spring green. A complement of this color would be `4291842989`, and the grayscale version is `4288782753`.

A 20% lighter version of the original color is `4287627179`, and `4278229060` is the 20% darker color. If you saturate the color by 10%, you get `4282306663`, and if you desaturate by 10%, it is `4285059205`.

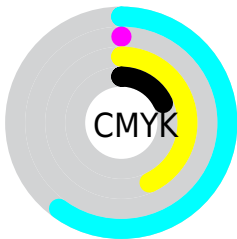
Distribution



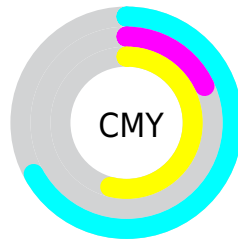
- Red (33%)
- Green (82%)
- Blue (46%)



- Red (33%)
- Yellow (71%)
- Blue (82%)



- Cyan (60%)
- Magenta (0%)
- Yellow (43%)
- Black (18%)



- Cyan (67%)
- Magenta (18%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283682934 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 4283682934 by changing the saturation by 10% instead.



4283682934



4283682934

4294967295



4281447517



4287627179



4278229060



4289527751



4278222380



4291493859



4278215699



4293459967



4278209280



4278203136



4278196736



4278190080



4283682934



4283682934

 4282306663

 4285059205

 4280930392

 4286435476

 4279619657

 4287746211

 4278243386

 4289122482

 4290498753

 4291875024

 4293251295

 4294562030

 4294955261

Harmonies

Analogous

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



4288922952



4283682934



4278244785

Triad

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



4283682934



4278239743



4294936966

Complementary

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



4283682934



4291842989

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.



4294935488



4283682934



4289899519

Square

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



4283682934



4278243327



4294743033



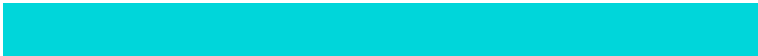
4294942037

Rectangle

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



4283682934



4278245082



4294743033



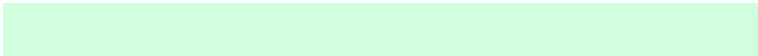
4294935961

Sweetspot

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



4283682934



4291952606



4289712211



4284711019



4278190080



4286611584

Same Dimension

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



4283682934



4282908539



4283682995



4284377441



4278233135



4278200587

Inverse Universe

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



4291842989



4294920140



4291842928



4285095526



4289200249



4280877085

Previews

White Background



This preview shows how the Android color 4283682934 looks on a white background.

Color Contrast Check

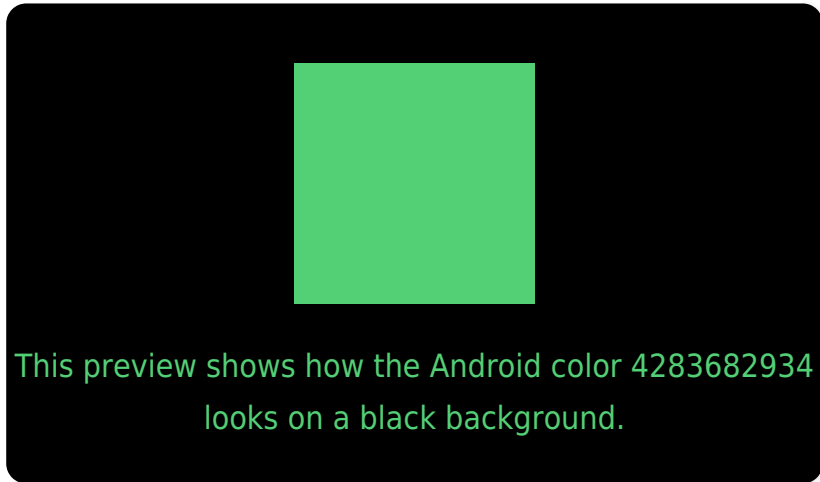
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

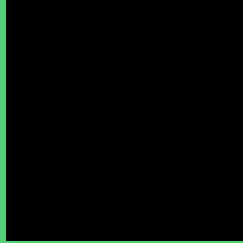
Any Text WCAG AA ✓ Pass

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 4283682934 Background



This preview shows how black text looks on a background with the Android color 4283682934.



This preview shows how white text looks on a background with the Android color 4283682934.

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

4283682934



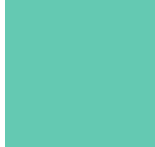
Protanomaly

4288594032



Deuteranomaly

4289379195



Tritanomaly

4284795314

Monochromacy



Original Color

4283682934



Achromatopsia

4288716960



Achromatomaly

4286886289

CSS Examples

Text

The CSS property to change the color of the text to Android 4283682934 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(83, 208, 118)` looks like.

```
.text, #text, p{  
    color:rgb(83, 208, 118)  
}
```

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(83, 208, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 208, 118) }
```

Border

The CSS property to change the border of an element to Android 4283682934 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(83, 208, 118) }
```

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

```
.border{ border-color:rgb(83, 208, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 208, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 208, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 208, 118);  
box-shadow:4px 4px 4px 4px rgb(83, 208,  
118) }
```

Background

The CSS property to change the background color of an element to Android 4283682934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 208, 118) }
```

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

```
.background{ background-color: rgb(83, 208,  
118) }
```

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