

Converting Colors

Android(4283606074)

Have a look what the booklet for
Android(4283606074) contains.

Android(4283606074)	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(4283606074)

Conversions

Conversions Part 1

Format	Color
Hex	52A43A
RGB	82, 164, 58
RGB Percent	32%, 64%, 23%
CMY	0.6784, 0.3569, 0.7725
CMYK	0.50, 0.00, 0.65, 0.36
HSL	106°, 48%, 44%
HSV	106°, 65%, 64%
XYZ	17.5189, 28.6502, 8.6097
YIQ	127.3980, -14.8460, -50.3500

Conversions

Conversions Part 2

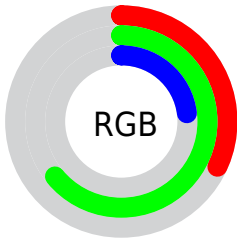
Format	Color
RYB	58, 164, 140
Decimal	5415994
CIELab	60.47, -45.07, 46.00
CIELCh	60, 64.402, 134.411
Yxy	28.6502, 0.3198, 0.5230
Android (android.graphics.Color)	4283606074 (0xFF52A43A)
YUV	127.3980, -34.2132, -39.8140
Hunter-Lab	53.5259, -35.2479, 27.9313

Details

The Android color `4283606074` is a dark color, and the websafe version is hex `339933`. A complement of this color would be `4287380132`, and the grayscale version is `4286611584`.

A 20% lighter version of the original color is `4287290478`, and `4279332608` is the 20% darker color. If you saturate the color by 10%, you get `4282754090`, and if you desaturate by 10%, it is `4284458058`.

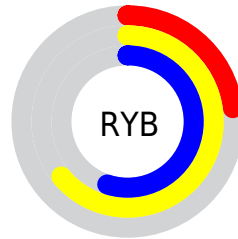
Distribution



Red (32%)

Green (64%)

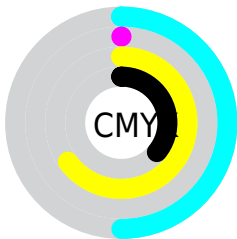
Blue (23%)



Red (23%)

Yellow (64%)

Blue (55%)

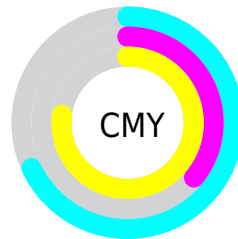


Cyan (50%)

Magenta (0%)

Yellow (65%)

Black (36%)



Cyan (68%)

Magenta (36%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283606074 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 4283606074 by changing the saturation by 10% instead.



4283606074



4283606074

4294967295



4281698591



4287290478



4279332608



4289132680



4278212096



4291035043



4278205952



4292935615



4278200576



4294836187



4278190848



4294967288



4278190080



4283606074



4283606074



4282754090



4284458058

■ 4281967641

■ 4285244507

■ 4281115657

■ 4286096491

■ 4280656896

■ 4286948476

■ 4287734924

■ 4288586908

■ 4289438893

■ 4290225341

■ 4291077326

Harmonies

Analogous

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



4287928329



4283606074



4278233969

Triad

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



4283606074



4278231551



4294466169

Complementary

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



4283606074



4287380132

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.



4293484466



4283606074



4283469823

Square

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



4283606074



4278233824



4290213604



4293553220

Rectangle

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



4283606074



4278234265



4290213604



4294400396

Sweetspot

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



4283606074



4290238126



4288973626



4283984722



4293651435



4285229931

Same Dimension

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



4283606074



4283815471



4282033238



4283126345



4280389888



4278456832

Inverse Universe

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



4287380132



4289736662



4288952968



4283451730



4285530257



4279107602

Previews

White Background



This preview shows how the Android color 4283606074 looks on a white background.

Color Contrast Check

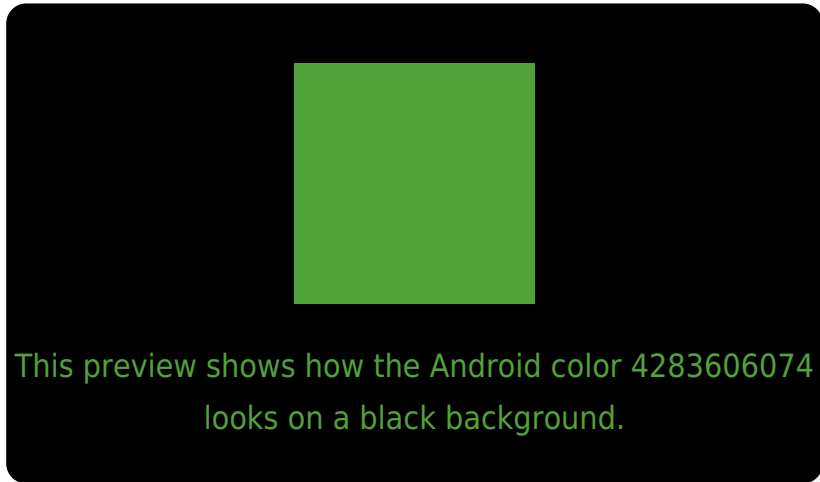
Large Text (above 18pt) WCAG AA ✓ Pass

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

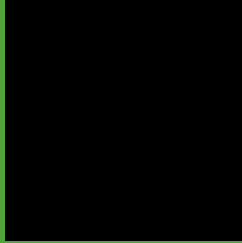
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Android 4283606074 Background



This preview shows how black text looks on a background with the Android color 4283606074.



This preview shows how white text looks on a background with the Android color 4283606074.

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



Original Color
4283606074

Protanopia
4288844085

Deuteranopia
4289956418

Trichromacy



Original Color
4283606074

Protanomaly
4286945335

Deuteranomaly
4287664959

Tritanomaly
4284456319

Monochromacy



Original Color
4283606074

Achromatopsia
4286545791

Achromatomaly
4285500518

CSS Examples

Text

The CSS property to change the color of the text to Android 4283606074 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(82, 164, 58)` looks like.

```
.text, #text, p{  
    color:rgb(82, 164, 58)  
}
```

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(82, 164, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 164, 58) }
```

Border

The CSS property to change the border of an element to Android 4283606074 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(82, 164, 58) }
```

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

```
.border{ border-color:rgb(82, 164, 58) }
```

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

Here you see how a box with a 4 pixel rgb(82, 164, 58) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 164, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 164, 58);  
box-shadow:4px 4px 4px 4px rgb(82, 164,  
58) }
```

Background

The CSS property to change the background color of an element to Android 4283606074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 164, 58) }
```

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

```
.background{ background-color: rgb(82, 164,  
58) }
```

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