

Converting Colors

Android(4283735996)

Have a look what the booklet for
Android(4283735996) contains.

Android(4283735996)	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(4283735996)

Conversions

Conversions Part 1

Format	Color
Hex	549FBC
RGB	84, 159, 188
RGB Percent	33%, 62%, 74%
CMY	0.6706, 0.3765, 0.2627
CMYK	0.55, 0.15, 0.00, 0.26
HSL	197°, 44%, 53%
HSV	197°, 55%, 74%
XYZ	25.1314, 30.3119, 52.1032
YIQ	139.8810, -54.0090, -6.8810

Conversions

Conversions Part 2

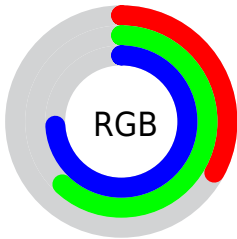
Format	Color
R _Y B	84, 128, 188
Decimal	5545916
CIE Lab	61.92, -14.95, -22.09
CIE LCh	62, 26.671, 235.899
Yxy	30.3119, 0.2337, 0.2818
Android (android.graphics.Color)	4283735996 (0xFF549FBC)
YUV	139.8810, 23.7227, -49.0076
Hunter-Lab	55.0563, -14.8690, -17.5704

Details

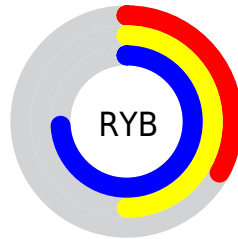
The Android color `4283735996` is a dark color, and the websafe version is hex `3399CC`. A complement of this color would be `4290539860`, and the grayscale version is `4287401100`.

A 20% lighter version of the original color is `4287485684`, and `4279069831` is the 20% darker color. If you saturate the color by 10%, you get `4282489532`, and if you desaturate by 10%, it is `4284982460`.

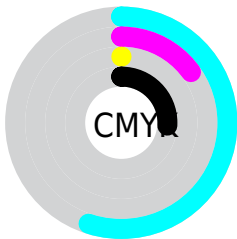
Distribution



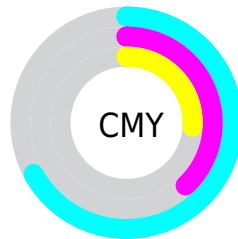
- Red (33%)
- Green (62%)
- Blue (74%)



- Red (33%)
- Yellow (50%)
- Blue (74%)



- Cyan (55%)
- Magenta (15%)
- Yellow (0%)
- Black (26%)



- Cyan (67%)
- Magenta (38%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283735996 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 4283735996 by changing the saturation by 10% instead.



4283735996



4283735996

4294967295



4281763233



4287485684



4279069831



4289327871



4278211437



4291231743



4278205525



4293197823



4278199870



4278193960



4278190354



4278190080



4283735996



4283735996

■ 4282489532

■ 4284982460

■ 4281243068

■ 4286228924

■ 4280061884

■ 4287410108

■ 4278815420

■ 4288656572

■ 4278225084

■ 4289903036

■ 4291149500

■ 4292396220

■ 4293577148

■ 4294823612

Harmonies

Analogous

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



4283146921



4283735996



4285700548

Triad

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



4283735996



4290872474



4287732331

Complementary

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



4283735996



4290539860

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.



4289303399



4283735996



4291134850

Square

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



4283735996



4289825200



4290546543



4285964410

Rectangle

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



4283735996



4287206595



4290546543



4288321640

Sweetspot

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



4283735996



4291553781



4283743344



4284642426



4294638330



4286216826

Same Dimension

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



4283735996



4283681013



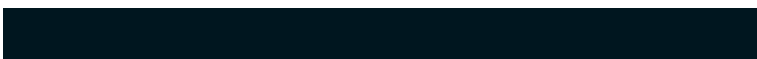
4283722940



4283784286



4278219422



4278195743

Inverse Universe

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



4290532511



4294267848



4290552916



4284372316



4288544882



4280221718

Previews

White Background



This preview shows how the Android color 4283735996 looks on a white background.

Color Contrast Check

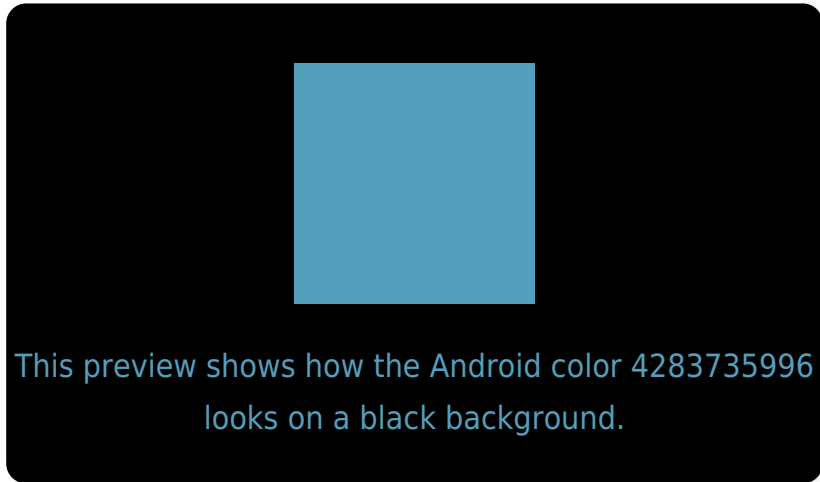
Large Text (above 18pt) WCAG AA × Fail

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

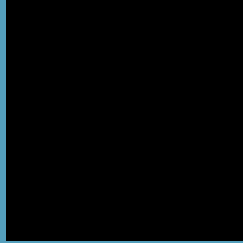
Any Text WCAG AA ✓ Pass

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 4283735996 Background



This preview shows how black text looks on a background with the Android color 4283735996.



This preview shows how white text looks on a background with the Android color 4283735996.

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
4283735996

Protanomaly
4286158775

Deuteranomaly
4286093246

Tritanomaly
4283539635

Monochromacy



Original Color
4283735996

Achromatopsia
4287401100

Achromatomaly
4286092189

CSS Examples

Text

The CSS property to change the color of the text to Android 4283735996 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(84, 159, 188)` looks like.

```
.text, #text, p{  
    color:rgb(84, 159, 188)  
}
```

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(84, 159, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 159, 188) }
```

Border

The CSS property to change the border of an element to Android 4283735996 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(84, 159, 188) }
```

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

```
.border{ border-color:rgb(84, 159, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 159, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(84, 159, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(84, 159, 188); box-shadow:4px 4px 4px 4px rgb(84, 159, 188) }
```

Background

The CSS property to change the background color of an element to Android 4283735996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 159, 188) }
```

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

```
.background{ background-color: rgb(84, 159,  
188) }
```

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