

Converting Colors

Android(4285638847)

Have a look what the booklet for
Android(4285638847) contains.

Android(4285638847)	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(4285638847)

Conversions

Conversions Part 1

Format	Color
Hex	71A8BF
RGB	113, 168, 191
RGB Percent	44%, 66%, 75%
CMY	0.5569, 0.3412, 0.2510
CMYK	0.41, 0.12, 0.00, 0.25
HSL	198°, 38%, 60%
HSV	198°, 41%, 75%
XYZ	30.2167, 35.2776, 54.5069
YIQ	154.1770, -40.1630, -4.5070

Conversions

Conversions Part 2

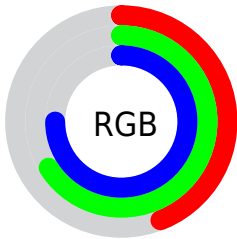
Format	Color
RYB	113, 145, 191
Decimal	7448767
CIELab	65.96, -12.04, -17.49
CIElCh	66, 21.232, 235.442
Yxy	35.2776, 0.2518, 0.2940
Android (android.graphics.Color)	4285638847 (0xFF71A8BF)
YUV	154.1770, 18.1537, -36.1122
Hunter-Lab	59.3949, -13.1308, -12.8342

Details

The Android color `4285638847` is a light color, and the websafe version is hex `669999`. A complement of this color would be `4290742385`, and the grayscale version is `4288322202`.

A 20% lighter version of the original color is `4289257463`, and `4282086538` is the 20% darker color. If you saturate the color by 10%, you get `4284392127`, and if you desaturate by 10%, it is `4286885567`.

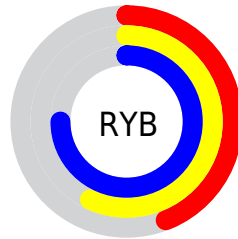
Distribution



Red (44%)

Green (66%)

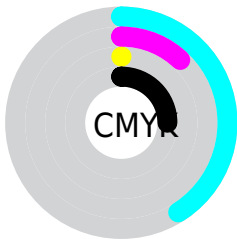
Blue (75%)



Red (44%)

Yellow (57%)

Blue (75%)

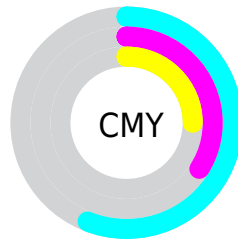


Cyan (41%)

Magenta (12%)

Yellow (0%)

Black (25%)



Cyan (56%)

Magenta (34%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Android color 4285638847 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 4285638847 by changing the saturation by 10% instead.



4285638847



4285638847

4294967295



4283862692



4289257463



4282086538



4291099903



4280179568



4293001215



4278207576

4294901759



4278201664



4278196778



4278190358



4278190080



4285638847



4285638847

■ 4284392127

■ 4286885567

■ 4283145663

■ 4288132031

■ 4281898943

■ 4289378751

■ 4280652223

■ 4290625471

■ 4279405759

■ 4291937471

■ 4278224831

■ 4293184191

■ 4294430655

■ 4294956479

■ 4294958015

Harmonies

Analogous

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



4285246384



4285638847



4287013830

Triad

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



4285638847



4291072932



4288521342

Complementary

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



4285638847



4290742385

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.



4289830523



4285638847



4291269777

Square

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



4285638847



4290156214



4290877570



4287080842

Rectangle

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



4285638847



4288126917



4290877570



4288979579

Sweetspot

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



4285638847



4292538359



4285644679



4285233277



4294769916



4286414205

Same Dimension

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



4285638847



4286502135



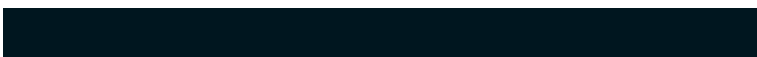
4285629119



4283784286



4278218654



4278195743

Inverse Universe

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



4290736552



4294409940



4290752113



4284372316



4288544879



4280221718

Previews

White Background



This preview shows how the Android color 4285638847 looks on a white background.

Color Contrast Check

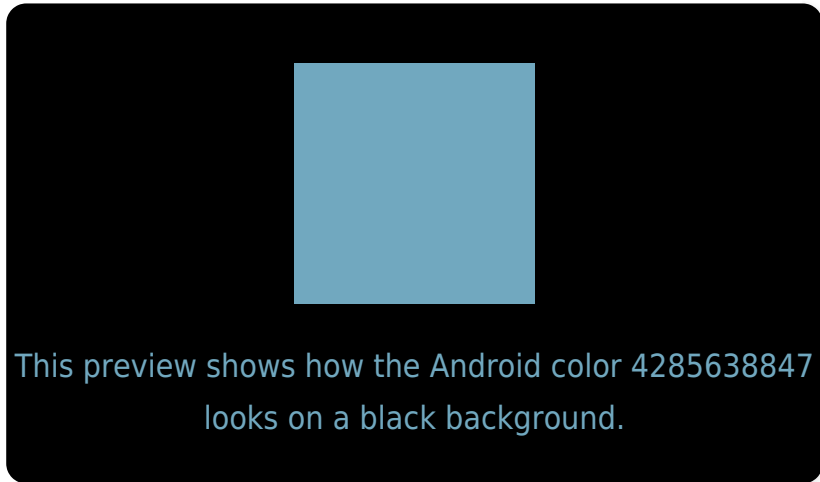
Large Text (above 18pt) WCAG AA × Fail

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

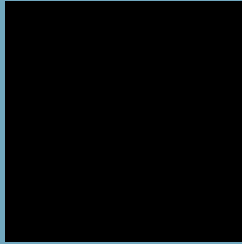
Any Text WCAG AA ✓ Pass

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 4285638847 Background



This preview shows how black text looks on a background with the Android color 4285638847.



This preview shows how white text looks on a background with the Android color 4285638847.

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



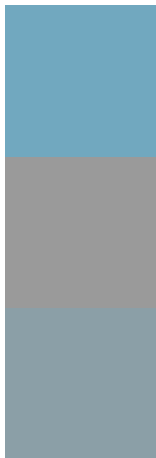
Original Color
4285638847

Protanomaly
4287406779

Deuteranomaly
4287537345

Tritanomaly
4285573562

Monochromacy



Original Color
4285638847

Achromatopsia
4288322202

Achromatomaly
4287340455

CSS Examples

Text

The CSS property to change the color of the text to Android 4285638847 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(113, 168, 191)` looks like.

```
.text, #text, p{  
    color:rgb(113, 168, 191)  
}
```

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(113, 168, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 168, 191) }
```

Border

The CSS property to change the border of an element to Android 4285638847 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(113, 168, 191) }
```

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

```
.border{ border-color:rgb(113, 168, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 168, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 168, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 168, 191);  
box-shadow:4px 4px 4px 4px rgb(113, 168,  
191) }
```

Background

The CSS property to change the background color of an element to Android 4285638847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 168, 191) }
```

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

```
.background{ background-color: rgb(113,  
168, 191) }
```

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