

Converting Colors

Android(4285893809)

Have a look what the booklet for
Android(4285893809) contains.

Android(4285893809)	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(4285893809)

Conversions

Conversions Part 1

Format	Color
Hex	758CB1
RGB	117, 140, 177
RGB Percent	46%, 55%, 69%
CMY	0.5412, 0.4510, 0.3059
CMYK	0.34, 0.21, 0.00, 0.31
HSL	217°, 28%, 58%
HSV	217°, 34%, 69%
XYZ	24.6500, 25.7124, 45.2588
YIQ	137.3410, -25.5850, 6.6310

Conversions

Conversions Part 2

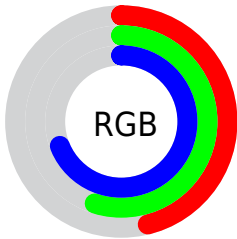
Format	Color
R_{YB}	117, 134, 177
Decimal	7703729
CIE _{Lab}	57.76, 0.91, -22.08
CIE _{LCh}	58, 22.101, 272.368
Yxy	25.7124, 0.2578, 0.2689
Android (android.graphics.Color)	4285893809 (0xFF758CB1)
YUV	137.3410, 19.5519, -17.8391
Hunter-Lab	50.7074, -1.9650, -17.4240

Details

The Android color `4285893809` is a dark color, and the websafe version is hex `6699CC`. A complement of this color would be `4289829493`, and the grayscale version is `4287203721`.

A 20% lighter version of the original color is `4289446377`, and `4282538620` is the 20% darker color. If you saturate the color by 10%, you get `4284711345`, and if you desaturate by 10%, it is `4287076273`.

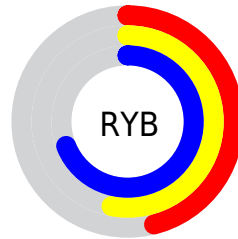
Distribution



Red (46%)

Green (55%)

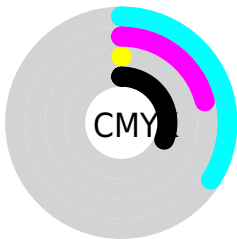
Blue (69%)



Red (46%)

Yellow (53%)

Blue (69%)

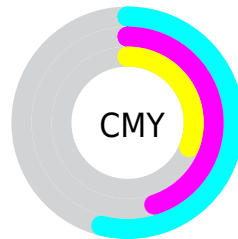


Cyan (34%)

Magenta (21%)

Yellow (0%)

Black (31%)



Cyan (54%)

Magenta (45%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Android color 4285893809 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 4285893809 by changing the saturation by 10% instead.

■ 4285893809

■ 4285893809

4294967295

■ 4284183446

■ 4289446377

■ 4282538620

■ 4291223039

■ 4280894307

■ 4293131007

■ 4279119179

■ 4278196276

■ 4278190623

■ 4278190082

■ 4278190080

■ 4285893809

■ 4285893809

■ 4284711345

■ 4287076273

■ 4283594417

■ 4288193201

■ 4282411953

■ 4289375665

■ 4281229489

■ 4290558129

■ 4280112561

■ 4291740593

■ 4278930353

■ 4292857265

■ 4278207665

■ 4294039729

■ 4294960049

■ 4294962865

Harmonies

Analogous

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



4284256940



4285893809



4287661483

Triad

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



4285893809



4289822327



4285305976

Complementary

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



4285893809



4289829493

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.



4286746730



4285893809



4289234025

Square

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



4285893809



4289756554



4288121444



4284061324

Rectangle

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



4285893809



4288643491



4288121444



4285830003

Sweetspot

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



4285893809



4291811302



4285903258



4284836467



4294111986



4285756275

Same Dimension

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



4285893809



4287081446



4286281137



4283454553



4278205337



4278192666

Inverse Universe

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



4289820044



4293298091



4289376629



4284043348



4288217147



4279894026

Previews

White Background



This preview shows how the Android color 4285893809 looks on a white background.

Color Contrast Check

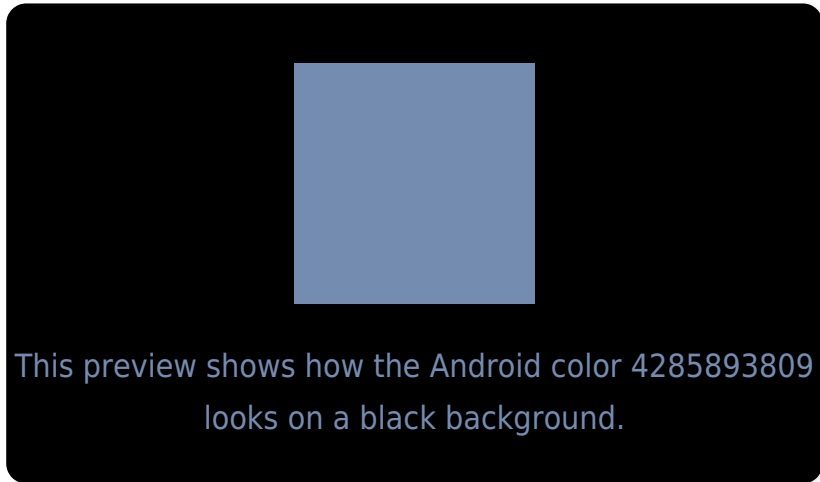
Large Text (above 18pt) WCAG AA ✓ Pass

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

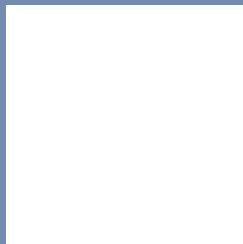
Any Text WCAG AAA × Fail

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

Android 4285893809 Background



This preview shows how black text looks on a background with the Android color 4285893809.



This preview shows how white text looks on a background with the Android color 4285893809.

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
4285893809

Protanopia
4286679471

Deuteranopia
4286810290

Trichromacy



Original Color
4285893809

Protanomaly
4286417584

Deuteranomaly
4286482866

Tritanomaly
4285697955

Monochromacy



Original Color
4285893809

Achromatopsia
4287203721

Achromatomaly
4286745240

CSS Examples

Text

The CSS property to change the color of the text to Android 4285893809 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(117, 140, 177)` looks like.

```
.text, #text, p{  
    color:rgb(117, 140, 177)  
}
```

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(117, 140, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 140, 177) }
```

Border

The CSS property to change the border of an element to Android 4285893809 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(117, 140, 177) }
```

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

```
.border{ border-color:rgb(117, 140, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 140, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 140, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 140, 177);  
box-shadow:4px 4px 4px 4px rgb(117, 140,  
177) }
```

Background

The CSS property to change the background color of an element to Android 4285893809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 140, 177) }
```

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

```
.background{ background-color: rgb(117,  
140, 177) }
```

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