

Converting Colors

Android(4285099935)

Have a look what the booklet for
Android(4285099935) contains.

Android(4285099935)	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(4285099935)

Conversions

Conversions Part 1

Format	Color
Hex	696F9F
RGB	105, 111, 159
RGB Percent	41%, 44%, 62%
CMY	0.5882, 0.5647, 0.3765
CMYK	0.34, 0.30, 0.00, 0.38
HSL	233°, 22%, 52%
HSV	233°, 34%, 62%
XYZ	17.7681, 16.8753, 35.1217
YIQ	114.6780, -18.9840, 13.6560

Conversions

Conversions Part 2

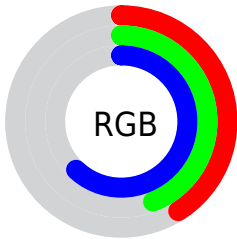
Format	Color
R_{YB}	105, 110, 159
Decimal	6909855
CIE _{Lab}	48.10, 9.59, -26.64
CIE _{LCh}	48, 28.314, 289.797
Yxy	16.8753, 0.2547, 0.2419
Android (android.graphics.Color)	4285099935 (0xFF696F9F)
YUV	114.6780, 21.8507, -8.4876
Hunter-Lab	41.0796, 5.3172, -21.9352

Details

The Android color `4285099935` is a dark color, and the websafe version is hex `666699`. A complement of this color would be `4288649577`, and the grayscale version is `4285690482`.

A 20% lighter version of the original color is `4288586710`, and `4281811051` is the 20% darker color. If you saturate the color by 10%, you get `4284047775`, and if you desaturate by 10%, it is `4286152095`.

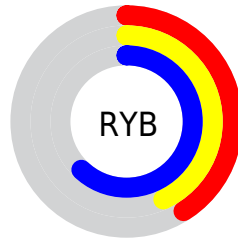
Distribution



Red (41%)

Green (44%)

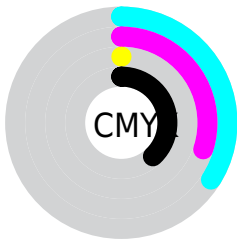
Blue (62%)



Red (41%)

Yellow (43%)

Blue (62%)

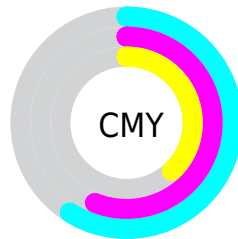


Cyan (34%)

Magenta (30%)

Yellow (0%)

Black (38%)



Cyan (59%)

Magenta (56%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Android color 4285099935 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 4285099935 by changing the saturation by 10% instead.



4285099935



4285099935

4294967295



4283455365



4288586710



4281811051



4290363122



4280166995



4292205055



4278326843



4294113023



4278190374



4278190350



4278190080



4285099935



4285099935



4284047775



4286152095

■ 4282995615

■ 4287204255

■ 4281943455

■ 4288256415

■ 4280891039

■ 4289308831

■ 4279838879

■ 4290360991

■ 4278852255

■ 4291347615

■ 4278194847

■ 4292399775

■ 4293451935

■ 4294504095

Harmonies

Analogous

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



4282480545



4285099935



4287129233

Triad

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



4285099935



4288308815



4281826921

Complementary

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



4285099935



4288649577

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.



4283923283



4285099935



4287196739

Square

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



4285099935



4288766051



4285691460



4279467906

Rectangle

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



4285099935



4288045699



4285691460



4282547809

Sweetspot

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



4285099935



4290428111



4285112217



4284243305



4293454056



4285098345

Same Dimension

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



4285099935



4286219215



4286474655



4282861647



4278194319



4278190607

Inverse Universe

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



4288637295



4291787395



4287274857



4283385672



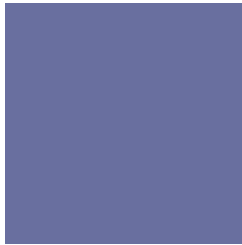
4287561744



4279173122

Previews

White Background



This preview shows how the Android color 4285099935 looks on a white background.

Color Contrast Check

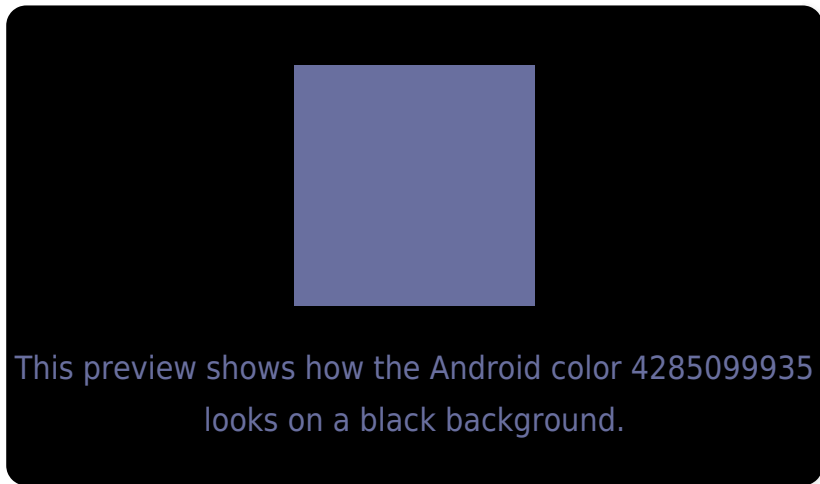
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

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

Android 4285099935 Background



This preview shows how black text looks on a background with the Android color 4285099935.



This preview shows how white text looks on a background with the Android color 4285099935.

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
4285099935

Protanopia
4284706976

Deuteranopia
4284707231

Trichromacy



Original Color

4285099935

Protanomaly

4284838048

Deuteranomaly

4284838047

Tritanomaly

4284838795

Monochromacy



Original Color

4285099935

Achromatopsia

4285756275

Achromatomaly

4285493891

CSS Examples

Text

The CSS property to change the color of the text to Android 4285099935 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(105, 111, 159)` looks like.

```
.text, #text, p{  
    color:rgb(105, 111, 159)  
}
```

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(105, 111, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 111, 159) }
```

Border

The CSS property to change the border of an element to Android 4285099935 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(105, 111, 159) }
```

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

```
.border{ border-color:rgb(105, 111, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 111, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 111, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 111, 159);  
box-shadow:4px 4px 4px 4px rgb(105, 111,  
159) }
```

Background

The CSS property to change the background color of an element to Android 4285099935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 111, 159) }
```

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

```
.background{ background-color: rgb(105,  
111, 159) }
```

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