

Converting Colors

Android(4285858001)

Have a look what the booklet for
Android(4285858001) contains.

Android(4285858001)	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(4285858001)

Conversions

Conversions Part 1

Format	Color
Hex	7500D1
RGB	117, 0, 209
RGB Percent	46%, 0%, 82%
CMY	0.5412, 1.0000, 0.1804
CMYK	0.44, 1.00, 0.00, 0.18
HSL	274°, 100%, 41%
HSV	274°, 100%, 82%
XYZ	18.8447, 8.3854, 60.9469
YIQ	58.8090, 2.6430, 89.8030

Conversions

Conversions Part 2

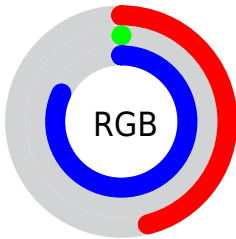
Format	Color
R_{YB}	117, 0, 209
Decimal	7667921
CIE _{Lab}	34.77, 72.71, -77.29
CIE _{LCh}	35, 106.111, 313.251
Yxy	8.3854, 0.2137, 0.0951
Android (android.graphics.Color)	4285858001 (0xFF7500D1)
YUV	58.8090, 74.0442, 51.0335
Hunter-Lab	28.9575, 65.4874, -104.5176

Details

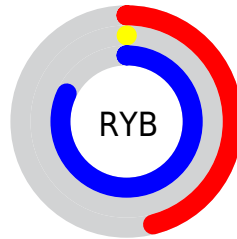
The Android color **4285858001** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **4284272896**, and the grayscale version is **4282006074**.

A 20% lighter version of the original color is **4289809919**, and **4281598105** is the 20% darker color. If you saturate the color by 10%, you get **4285858001**, and if you desaturate by 10%, it is **4286453201**.

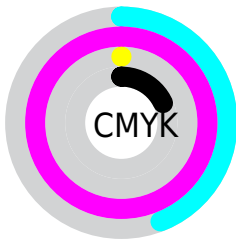
Distribution



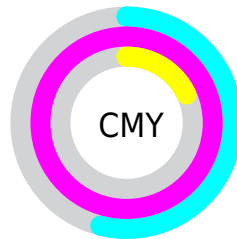
- Red (46%)
- Green (0%)
- Blue (82%)



- Red (46%)
- Yellow (0%)
- Blue (82%)



- Cyan (44%)
- Magenta (100%)
- Yellow (0%)
- Black (18%)



- Cyan (54%)
- Magenta (100%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Android color 4285858001 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 4285858001 by changing the saturation by 10% instead.

 4285858001

 4285858001

4294967295

 4283826357

 4289809919

 4281598105

 4291848703

 4278190206

 4293821951

 4278190180

 4294943231

 4278191179

 4294950655

 4278191155

 4294958079

 4278190621

 4294965759

 4278190080

 4285858001

 4286453201

 4287048401

 4287709137


 4288304337

 4288899537

 4289494481

 4290089681

 4290750417

 4291345617

Harmonies

Analogous

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



4278212094



4285858001



4291231877

Triad

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



4285858001



4287248896



4278218103

Complementary

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



4285858001



4284272896

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.



4278217498



4285858001



4282472960

Square

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



4285858001



4290576384



4278216448



4278218696

Rectangle

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



4285858001



4292280398



4278216448



4278217818

Sweetspot

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



4285858001



4292719615



4278214353



4285223552



4278190080



4286611584

Same Dimension

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



4285858001



4287561983



4291887303



4284767849



4284350632



4279697449

Inverse Universe

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



4291887196



4294901872



4278243594



4285095523



4289200202



4280877074

Previews

White Background



This preview shows how the Android color 4285858001 looks on a white background.

Color Contrast Check

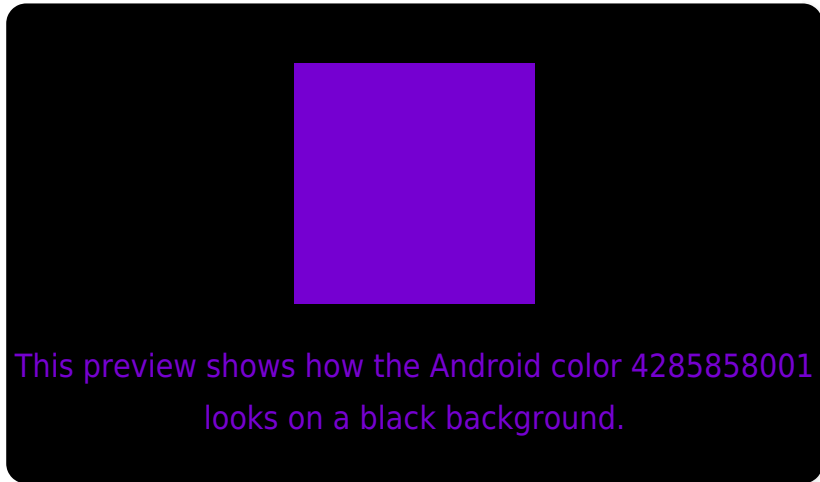
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

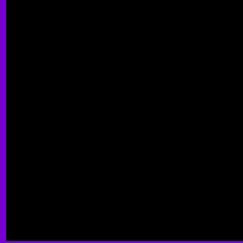
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Android 4285858001 Background



This preview shows how black text looks on a background with the Android color 4285858001.



This preview shows how white text looks on a background with the Android color 4285858001.

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
4285858001

Protanopia
4278210986

Deuteranopia
4278212242

Trichromacy



Original Color
4285858001



Protanomaly
4281021624



Deuteranomaly
4281022377



Tritanomaly
4284691588

Monochromacy



Original Color
4285858001



Achromatopsia
4282071867



Achromatomaly
4283442802

CSS Examples

Text

The CSS property to change the color of the text to Android 4285858001 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, 0, 209)` looks like.

```
.text, #text, p{  
    color:rgb(117, 0, 209)  
}
```

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, 0, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 0, 209) }
```

Border

The CSS property to change the border of an element to Android 4285858001 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, 0, 209) }
```

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

```
.border{ border-color:rgb(117, 0, 209) }
```

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

Here you see how a box with a 4 pixel rgb(117, 0, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 0, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 0, 209);  
box-shadow:4px 4px 4px 4px rgb(117, 0,  
209) }
```

Background

The CSS property to change the background color of an element to Android 4285858001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 0, 209) }
```

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

```
.background{ background-color: rgb(117, 0,  
209) }
```

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](#).

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