

Converting Colors

Android(4285006049)

Have a look what the booklet for
Android(4285006049) contains.

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Color

Android(4285006049)

Conversions

Conversions Part 1

Format	Color
Hex	6800E1
RGB	104, 0, 225
RGB Percent	41%, 0%, 88%
CMY	0.5922, 1.0000, 0.1176
CMYK	0.54, 1.00, 0.00, 0.12
HSL	268°, 100%, 44%
HSV	268°, 100%, 88%
XYZ	19.2995, 8.3793, 71.8343
YIQ	56.7460, -10.2410, 92.0230

Conversions

Conversions Part 2

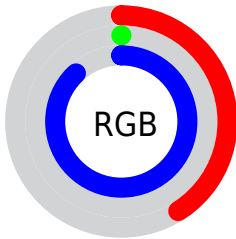
Format	Color
RYB	104, 0, 225
Decimal	6815969
CIELab	34.76, 75.09, -86.59
CIElCh	35, 114.611, 310.930
Yxy	8.3793, 0.1939, 0.0842
Android (android.graphics.Color)	4285006049 (0xFF6800E1)
YUV	56.7460, 82.9492, 41.4418
Hunter-Lab	28.9470, 68.3521, -126.8699

Details

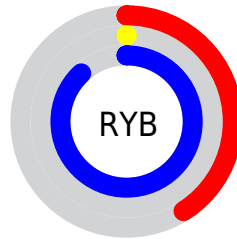
The Android color **4285006049** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **4286177536**, and the grayscale version is **4281874488**.

A 20% lighter version of the original color is **4289154303**, and **4279566504** is the 20% darker color. If you saturate the color by 10%, you get **4285006049**, and if you desaturate by 10%, it is **4285798113**.

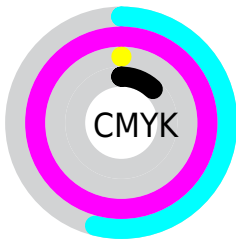
Distribution



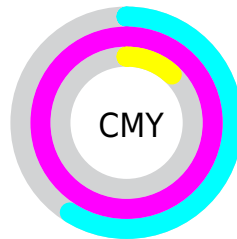
- Red (41%)
- Green (0%)
- Blue (88%)



- Red (41%)
- Yellow (0%)
- Blue (88%)



- Cyan (54%)
- Magenta (100%)
- Yellow (0%)
- Black (12%)



- Cyan (59%)
- Magenta (100%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Android color 4285006049 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 4285006049 by changing the saturation by 10% instead.

 4285006049


 4285006049

4294967295

 4282712260

 4289154303

 4279566504

 4291193087

 4278190221

 4293232127

 4278190194

 4294943231

 4278191448

 4294950399

 4278191936

 4294957823

 4278190889

 4294965503

 4278190355

 4278190080

 4285006049

 4285798113

 4286590433

 4287382753

 4288174817

 4289032673

 4289824737

 4290616801

 4291409121

 4292201441

Harmonies

Analogous

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



4278213119



4285006049



4291559568

Triad

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



4285006049



4287771392



4278218355

Complementary

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



4285006049



4286177536

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.



4278217477



4285006049



4282734848

Square

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



4285006049



4291231744



4278216448



4278219212

Rectangle

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



4285006049



4292804692



4278216448



4278218067

Sweetspot

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



4285006049



4292260863



4278222049



4284961408



4278190080



4286611584

Same Dimension

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



4285006049



4285923583



4292215009



4285162864



4283498672



4279631920

Inverse Universe

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



4292935801



4294901897



4278968576



4285556075



4289724511



4281335834

Previews

White Background



This preview shows how the Android color 4285006049 looks on a white background.

Color Contrast Check

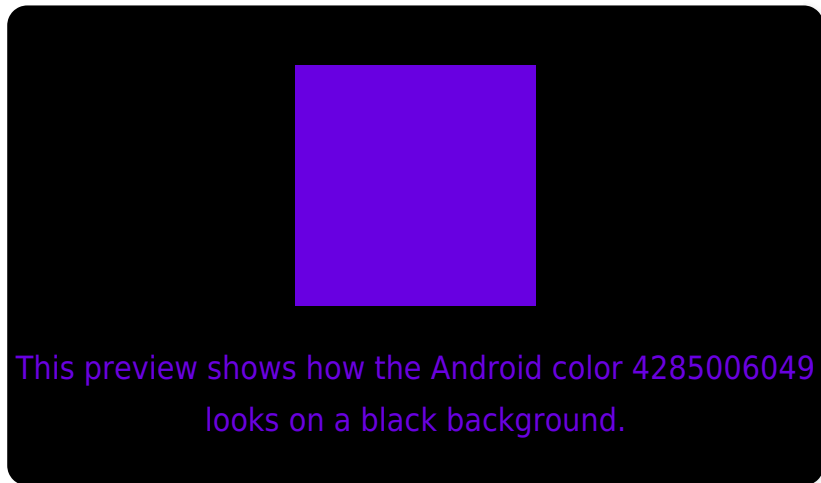
Large Text (above 18pt) WCAG AA ✓ Pass

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 4285006049 Background



This preview shows how black text looks on a background with the Android color 4285006049.



This preview shows how white text looks on a background with the Android color 4285006049.

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
4285006049

Protanopia
4278210985

Deuteranopia
4278212240

Trichromacy



Original Color
4285006049

Protanomaly
4280693949

Deuteranomaly
4280694701

Tritanomaly
4283250830

Monochromacy



Original Color
4285006049

Achromatopsia
4281940281

Achromatomaly
4283049078

CSS Examples

Text

The CSS property to change the color of the text to Android 4285006049 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(104, 0, 225)` looks like.

```
.text, #text, p{  
    color:rgb(104, 0, 225)  
}
```

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(104, 0, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 0, 225) }
```

Border

The CSS property to change the border of an element to Android 4285006049 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(104, 0, 225) }
```

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

```
.border{ border-color:rgb(104, 0, 225) }
```

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

Here you see how a box with a 4 pixel rgb(104, 0, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 0, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 0, 225);  
box-shadow:4px 4px 4px 4px rgb(104, 0,  
225) }
```

Background

The CSS property to change the background color of an element to Android 4285006049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 0, 225) }
```

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

```
.background{ background-color: rgb(104, 0,  
225) }
```

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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