Converting Colors

Android(4285689049)

Have a look what the booklet for Android(4285689049) contains.

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Color

Android(4285689049)

Conversions

Conversions Part 1

Format	Color
Hex	726CD9
RGB	114, 108, 217
RGB Percent	45%, 42%, 85%
CMY	0.5529, 0.5765, 0.1490
CMYK	0.47, 0.50, 0.00, 0.15
HSL	243°, 59%, 64%
HSV	243°, 50%, 85%
XYZ	24.8264, 19.3123, 68.0648
YIQ	122.2200, -31.4130, 35.1710

Conversions

Conversions Part 2

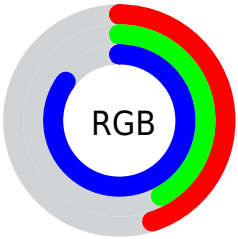
Format	Color
RYB	114, 108, 217
Decimal	7498969
CIELab	51.05, 30.60, -55.40
CIELCh	51, 63.295, 298.916
Yxy	19.3123, 0.2213, 0.1721
Android (android.graphics.Color)	4285689049 (0xFF726CD9)
YUV	122.2200, 46.7265, -7.2089
Hunter-Lab	43.9457, 23.9354, -61.0685

Details

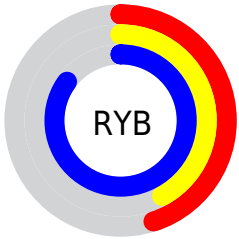
The Android color 4285689049 is a dark color, and the websafe version is hex 6666CC. A complement of this color would be 4292073836, and the grayscale version is 4286216826.

A 20% lighter version of the original color is 4289437951, and 4281810081 is the 20% darker color. If you saturate the color by 10%, you get 4284307161, and if you desaturate by 10%, it is 4287070937.

Distribution

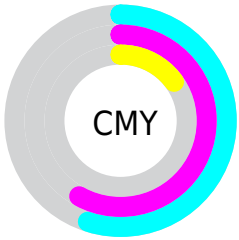


- Red (45%)
- Green (42%)
- Blue (85%)



- Red (45%)
- Yellow (42%)
- Blue (85%)

- Cyan (47%)
- Magenta (50%)
- Yellow (0%)
- Black (15%)



- Cyan (55%)
- Magenta (58%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Android color 4285689049 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 4285689049 by changing the saturation by 10% instead.

4285689049

4294967295

4289437951

4291345407

4293318399

4294964223

4285689049

4283782333

4281810081

4279117703

4278195053

4278190164

4278191675

4278190629

4278190349

4278190080

4285689049

4284307161

4282991065

4281609177

4280292825

4278976729

4285689049

4287070937

4288387033

4289768921

4291085273

4292467161

4293783257

4294967257

Harmonies

Analogous

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

4278223334

4285689049

4290269618

Triad

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

4285689049

4290601238

4278227574

Complementary

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

4285689049

4292073836

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.

4278226494

4285689049

4287919872

Square

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

4285689049

4292167753

4284450048

4278227629

Rectangle

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

4285689049

4291838608

4284450048

4278227299

Sweetspot

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

4285689049

4292598271

4285322457

4285163904

4278190080

4286611584

Same Dimension

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

4285689049

4285425407

4289227993

4284703598

4278845613

4278386734

Inverse Universe

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

4292439251

4294928119

4288534892

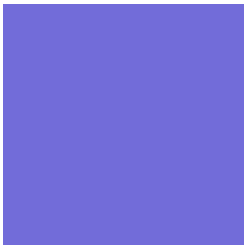
4285424493

4289527972

4281204779

Previews

White Background

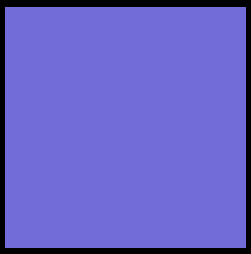


This preview shows how the Android color 4285689049 looks on a white background.

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



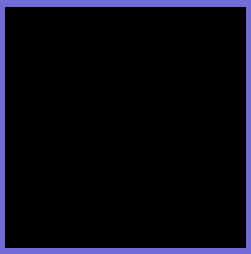
This preview shows how the Android color 4285689049 looks on a black background.

Color Contrast Check

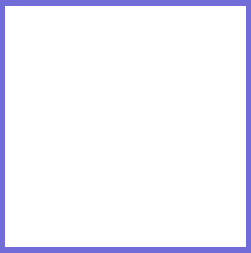
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✕ Fail

If you want to check with other color combinations, try the Color Contrast Checker.

Android 4285689049 Background



This preview shows how black text looks on a background with the Android color 4285689049.

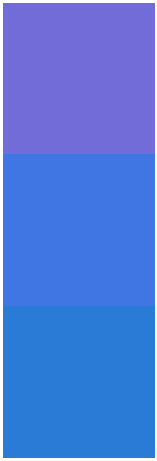


This preview shows how white text looks on a background with the Android color 4285689049.

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



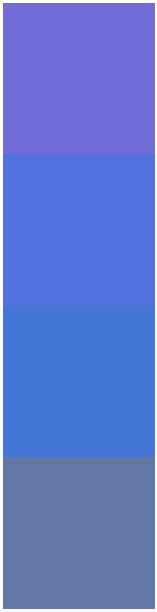
Original Color
4285689049

Protanopia
4282349283

Deuteranopia
4280908758

Tritanopia
4284186505

Trichromacy



Original Color
4285689049

Protanomaly
4283593439

Deuteranomaly
4282676951

Tritanomaly
4284709030

Monochromacy

Original Color
4285689049

Achromatopsia
4286216826

Achromatomaly
4286018973

CSS Examples

Text

The CSS property to change the color of the text to Android 4285689049 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(114, 108, 217) looks like.

```
.text, #text, p{
    color:rgb(114, 108, 217)
}
```

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(114, 108, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 108, 217) }
```

Border

The CSS property to change the border of an element to Android 4285689049 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(114, 108, 217) }
```

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

```
.border{ border-color:rgb(114, 108, 217) }
```

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

Here you see how a box with a 4 pixel rgb(114, 108, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(114, 108, 217); -webkit-box-shadow:4px 4px 4px 4px rgb(114, 108, 217); box-shadow:4px 4px 4px 4px rgb(114, 108, 217) }
```

Background

The CSS property to change the background color of an element to Android 4285689049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(114, 108, 217) }
```

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

```
.background{ background-color:rgb(114,
108, 217) }
```

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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