

Converting Colors

Android(4285947117)

Have a look what the booklet for
Android(4285947117) contains.

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Color

Android(4285947117)

Conversions

Conversions Part 1

Format	Color
Hex	765CED
RGB	118, 92, 237
RGB Percent	46%, 36%, 93%
CMY	0.5373, 0.6392, 0.0706
CMYK	0.50, 0.61, 0.00, 0.07
HSL	251°, 80%, 65%
HSV	251°, 61%, 93%
XYZ	26.5844, 17.6203, 82.1207
YIQ	116.3040, -31.0490, 50.6070

Conversions

Conversions Part 2

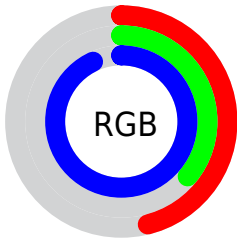
Format	Color
R _Y B	118, 92, 237
Decimal	7757037
CIE Lab	49.03, 46.68, -69.93
CIE LCh	49, 84.075, 303.724
Yxy	17.6203, 0.2104, 0.1395
Android (android.graphics.Color)	4285947117 (0xFF765CED)
YUV	116.3040, 59.5031, 1.4874
Hunter-Lab	41.9765, 39.5882, -86.6083

Details

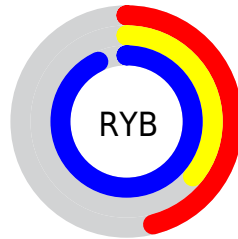
The Android color `4285947117` is a dark color, and the websafe version is hex `6666FF`. The color can be described as middle muted purple. A complement of this color would be `4292078940`, and the grayscale version is `4285822068`.

A 20% lighter version of the original color is `4289892351`, and `4281674932` is the 20% darker color. If you saturate the color by 10%, you get `4284695789`, and if you desaturate by 10%, it is `4287198445`.

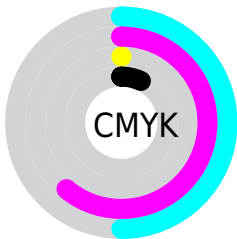
Distribution



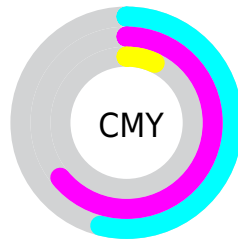
- Red (46%)
- Green (36%)
- Blue (93%)



- Red (46%)
- Yellow (36%)
- Blue (93%)



- Cyan (50%)
- Magenta (61%)
- Yellow (0%)
- Black (7%)


















- Cyan (54%)
- Magenta (64%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Android color 4285947117 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 4285947117 by changing the saturation by 10% instead.

 4285947117	 4285947117
4294967295	 4283909328
 4289892351	 4281674932
 4291865343	 4278195608
 4293838591	 4278190206
 4294959871	 4278190180
	 4278192459
	 4278191155
	 4278190621
	 4278190080

■ 4285947117

■ 4285947117

■ 4284695789

■ 4287198445

■ 4283379181

■ 4288515053

■ 4282127853

■ 4289766381

■ 4280942829

■ 4291083245

■ 4292334573

■ 4293651181

■ 4294901741

■ 4294967277

Harmonies

Analogous

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



4278222079



4285947117



4291634357

Triad

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



4285947117



4290664192



4278227324

Complementary

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



4285947117



4292078940

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.



4278226479



4285947117



4287067392

Square

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



4285947117



4293075241



4281828864



4278227395

Rectangle

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



4285947117



4293329031



4281828864



4278227043

Sweetspot

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



4285947117



4292465151



4284274157



4285031296



4278190080



4286611584

Same Dimension

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



4285947117



4284892671



4290600173



4285295221



4280287413



4278845494

Inverse Universe

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



4293745875



4294919646



4287425884



4285885043



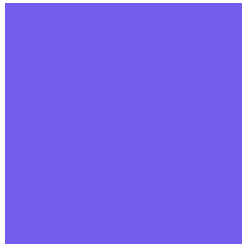
4290052245



4281729068

Previews

White Background



This preview shows how the Android color 4285947117 looks on a white background.

Color Contrast Check

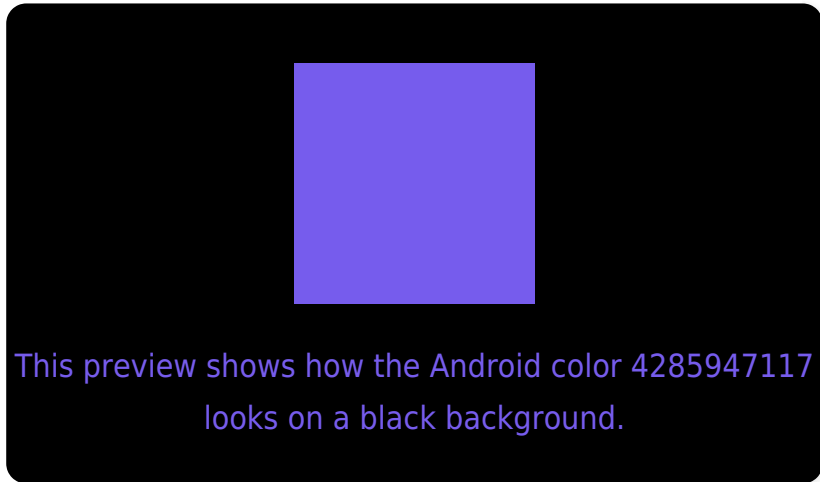
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ 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 4285947117 Background



This preview shows how black text looks on a background with the Android color 4285947117.



This preview shows how white text looks on a background with the Android color 4285947117.

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](#).

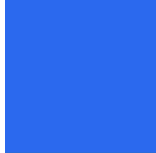
Dichromacy



Trichromacy



Original Color
4285947117



Protanomaly
4281035246



Deuteranomaly
4281036249



Tritanomaly
4284641194

Monochromacy



Original Color
4285947117



Achromatopsia
4285822068



Achromatomaly
4285885344

CSS Examples

Text

The CSS property to change the color of the text to Android 4285947117 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(118, 92, 237)` looks like.

```
.text, #text, p{  
    color:rgb(118, 92, 237)  
}
```

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(118, 92, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 92, 237) }
```

Border

The CSS property to change the border of an element to Android 4285947117 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(118, 92, 237) }
```

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

```
.border{ border-color:rgb(118, 92, 237) }
```

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

Here you see how a box with a 4 pixel rgb(118, 92, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 92, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 92, 237);  
box-shadow:4px 4px 4px 4px rgb(118, 92,  
237) }
```

Background

The CSS property to change the background color of an element to Android 4285947117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 92, 237) }
```

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

```
.background{ background-color: rgb(118, 92,  
237) }
```

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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