

# Converting Colors

Android(4285947529)

Have a look what the booklet for  
Android(4285947529) contains.

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# Color

**Android(4285947529)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | 765E89                    |
| RGB           | 118, 94, 137              |
| RGB Percent   | 46%, 37%, 54%             |
| CMY           | 0.5373, 0.6314, 0.4627    |
| CMYK          | 0.14, 0.31, 0.00, 0.46    |
| HSL           | 273°, 19%, 45%            |
| HSV           | 273°, 31%, 54%            |
| XYZ           | 15.9893, 13.6631, 25.4614 |
| YIQ           | 106.0780, 0.5010, 18.4610 |

# Conversions

## Conversions Part 2

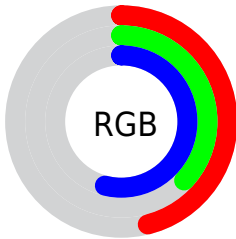
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 118, 94, 137                  |
| Decimal                             | 7757449                       |
| CIE <sub>Lab</sub>                  | 43.75, 18.49, -20.21          |
| CIE <sub>LCh</sub>                  | 44, 27.390, 312.460           |
| Yxy                                 | 13.6631, 0.2901,<br>0.2479    |
| Android<br>(android.graphics.Color) | 4285947529<br>(0xFF765E89)    |
| YUV                                 | 106.0780, 15.2445,<br>10.4556 |
| Hunter-Lab                          | 36.9636, 12.5270,<br>-14.9658 |

# Details

The Android color `4285947529` is a dark color, and the websafe version is hex `666699`. A complement of this color would be `4285630814`, and the grayscale version is `4285164138`.

A 20% lighter version of the original color is `4289434047`, and `4282724439` is the 20% darker color. If you saturate the color by 10%, you get `4285550729`, and if you desaturate by 10%, it is `4286344329`.

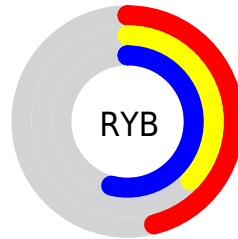
# Distribution



Red (46%)

Green (37%)

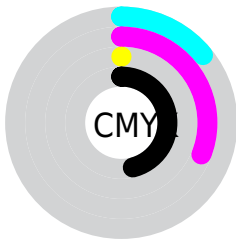
Blue (54%)



Red (46%)

Yellow (37%)

Blue (54%)

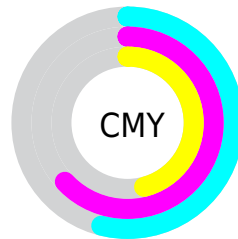


Cyan (14%)

Magenta (31%)

Yellow (0%)

Black (46%)



Cyan (54%)

Magenta (63%)

Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285947529 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 4285947529 by changing the saturation by 10% instead.





4285947529



4285947529

4294967295



4284302959



4289434047



4282724439



4291210202



4281211455



4293052407



4279894569



4294960127



4278190356



4278190080



4285947529



4285947529



4285550729



4286344329



4285154185



4286740873

4284757385

4287137673

4284360585

4287534473

4283964041

4287931273

4283567241

4288327817

4283170953

4288724617

4289121417

4289517961

# Harmonies

## Analogous

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



4283852436



4285947529



4287321974

# Triad

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



4285947529



4286734652



4279268208

# Complementary

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



4285947529



4285630814

# 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.



4281823833



4285947529



4285360442

# Square

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



4285947529



4287650378



4283723589



4278219397

# Rectangle

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



4285947529



4287780198



4283723589



4280251241



# Sweetspot

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



4285947529



4289438387



4284379529



4283780953



4292467161



4284045657



# Same Dimension

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



4285947529



4287983539



4287192711



4282531397



4283039877



4278386693



# Inverse Universe

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



4287192689



4289949581



4284385632



4282728001



4286906427

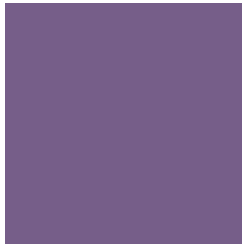


4278517762



# Previews

## White Background



This preview shows how the Android color 4285947529 looks on a white background.

## Color Contrast Check

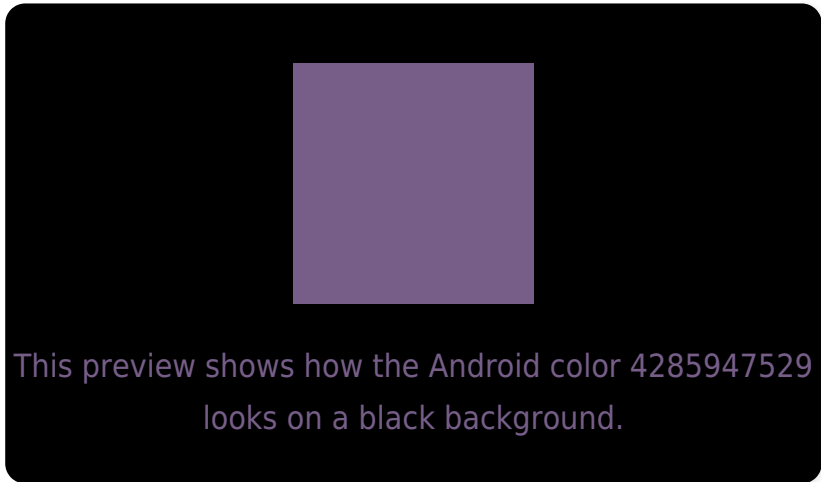
Large Text (above 18pt) WCAG AA ✓ Pass

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

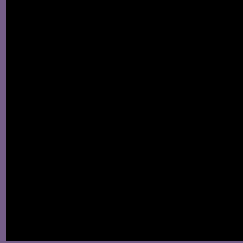
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4285947529 Background



This preview shows how black text looks on a background with the Android color 4285947529.



This preview shows how white text looks on a background with the Android color 4285947529.

# 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**  
4285947529

**Protanopia**  
4284180111

**Deuteranopia**  
4284507783



# Trichromacy



**Original Color**  
4285947529

**Protanomaly**  
4284834701

**Deuteranomaly**  
4285031304

**Tritanomaly**  
4285751927

# Monochromacy



**Original Color**  
4285947529

**Achromatopsia**  
4285164138

**Achromatomaly**  
4285425269

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285947529 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, 94, 137)` looks like.

```
.text, #text, p{  
    color:rgb(118, 94, 137)  
}
```

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, 94, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 94, 137) }
```

## Border

The CSS property to change the border of an element to Android 4285947529 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, 94, 137) }
```

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

```
.border{ border-color:rgb(118, 94, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 94, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 94, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 94, 137);  
box-shadow:4px 4px 4px 4px rgb(118, 94,  
137) }
```

# Background

The CSS property to change the background color of an element to Android 4285947529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 94, 137) }
```

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

```
.background{ background-color: rgb(118, 94,  
137) }
```

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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