

# Converting Colors

Android(4286271927)

Have a look what the booklet for  
Android(4286271927) contains.

|  |    |
|--|----|
| <b>Android(4286271927)</b> .....               | 3  |
| <b><i>Conversions</i></b> .....                | 4  |
| <b><i>Details</i></b> .....                    | 6  |
| <b><i>Harmonies</i></b> .....                  | 11 |
| <b><i>Previews</i></b> .....                   | 23 |
| <b><i>Color Blindness Simulation</i></b> ..... | 26 |
| <b><i>CSS Examples</i></b> .....               | 29 |

# Color

**Android(4286271927)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | 7B51B7                     |
| RGB           | 123, 81, 183               |
| RGB Percent   | 48%, 32%, 72%              |
| CMY           | 0.5176, 0.6824, 0.2824     |
| CMYK          | 0.33, 0.56, 0.00, 0.28     |
| HSL           | 265°, 41%, 52%             |
| HSV           | 265°, 56%, 72%             |
| XYZ           | 19.6581, 13.5147, 46.3723  |
| YIQ           | 105.1860, -7.7100, 40.6260 |

# Conversions

## Conversions Part 2

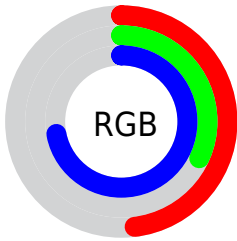
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| R <sub>Y</sub> B                    | 123, 81, 183                  |
| Decimal                             | 8081847                       |
| CIE <sub>Lab</sub>                  | 43.53, 39.10, -47.84          |
| CIE <sub>LCh</sub>                  | 44, 61.785, 309.261           |
| Y <sub>xy</sub>                     | 13.5147, 0.2471,<br>0.1699    |
| Android<br>(android.graphics.Color) | 4286271927<br>(0xFF7B51B7)    |
| YUV                                 | 105.1860, 38.3623,<br>15.6229 |
| Hunter-Lab                          | 36.7624, 31.1157,<br>-49.0551 |

# Details

The Android color `4286271927` is a dark color, and the websafe version is hex `9966CC`. A complement of this color would be `4287477585`, and the grayscale version is `4285098345`.

A 20% lighter version of the original color is `4289889520`, and `4282720641` is the 20% darker color. If you saturate the color by 10%, you get `4285546423`, and if you desaturate by 10%, it is `4286997431`.

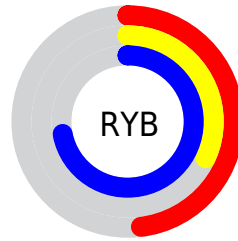
# Distribution



Red (48%)

Green (32%)

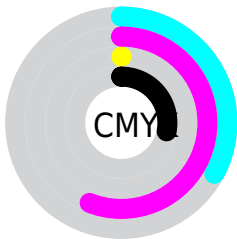
Blue (72%)



Red (48%)

Yellow (32%)

Blue (72%)

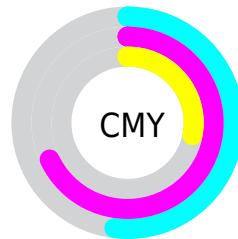


Cyan (33%)

Magenta (56%)

Yellow (0%)

Black (28%)



Cyan (52%)

Magenta (68%)

Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286271927 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 4286271927 by changing the saturation by 10% instead.





4286271927



4286271927

4294967295



4284496284



4289889520



4282720641



4291796735



4280944744



4293704447



4278911055



4294956799



4278190135



4294963967



4278190625



4278190085



4278190080



4286271927



4286271927

4285546423

4286997431

4284820663

4287723191

4284160695

4288383159

4283435191

4289108663

4283105463

4289834167

4290559927

4291219895

4291945399

4292671159

# Harmonies

## Analogous

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



4278216909



4286271927



4289672588

# Triad

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



4286271927



4288239360



4278222198

# Complementary

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



4286271927



4287477585

# 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.



4278221632



4286271927



4285426176

# Square

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



4286271927



4290133288



4281627906



4278221991

# Rectangle

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



4286271927



4290652522



4281627906



4278222180



# Sweetspot

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



4286271927



4292199917



4283535031



4285161592



4294440951



4286085240



# Same Dimension

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



4286271927



4287647469



4289548727



4283847516



4282384540



4278976540



# Inverse Universe

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



4290204045



4293742252



4284200785



4284240728



4288413787

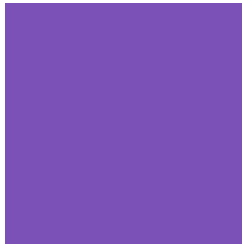


4280025104



# Previews

## White Background



This preview shows how the Android color 4286271927 looks on a white background.

## Color Contrast Check

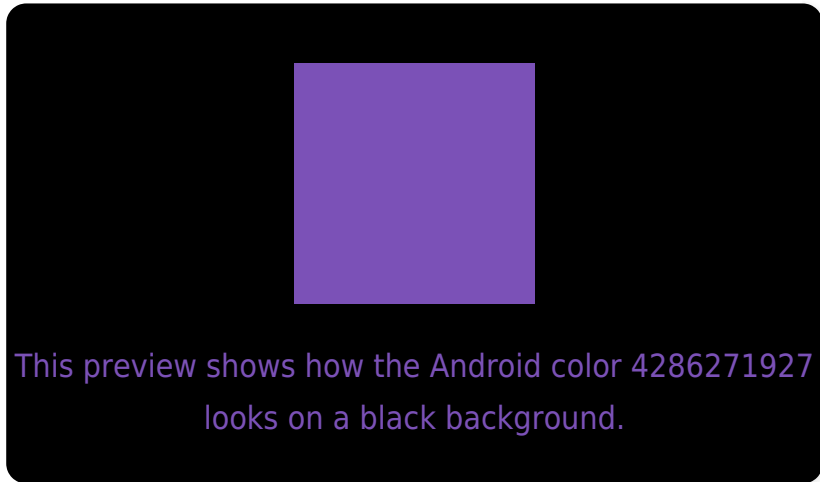
Large Text (above 18pt) WCAG AA ✓ Pass

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 4286271927 Background



This preview shows how black text looks on a background with the Android color 4286271927.



This preview shows how white text looks on a background with the Android color 4286271927.

# 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**  
4286271927

**Protanopia**  
4280771786

**Deuteranopia**  
4281100466



# Trichromacy



**Original Color**  
4286271927

**Protanomaly**  
4282801603

**Deuteranomaly**  
4282998964

**Tritanomaly**  
4285619847

# Monochromacy



**Original Color**  
4286271927

**Achromatopsia**  
4285098345

**Achromatomaly**  
4285554821

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286271927 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(123, 81, 183)` looks like.

```
.text, #text, p{  
    color:rgb(123, 81, 183)  
}
```

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(123, 81, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 81, 183) }
```

## Border

The CSS property to change the border of an element to Android 4286271927 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(123, 81, 183) }
```

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

```
.border{ border-color:rgb(123, 81, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 81, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(123, 81, 183); -webkit-box-shadow:4px 4px 4px 4px rgb(123, 81, 183); box-shadow:4px 4px 4px 4px rgb(123, 81, 183) }
```

# Background

The CSS property to change the background color of an element to Android 4286271927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 81, 183) }
```

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

```
.background{ background-color: rgb(123, 81,  
183) }
```

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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