

# Converting Colors

Android(4286543015)

Have a look what the booklet for  
Android(4286543015) contains.

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# Color

**Android(4286543015)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7F74A7
RGB	127, 116, 167
RGB Percent	50%, 45%, 65%
CMY	0.5020, 0.5451, 0.3451
CMYK	0.24, 0.31, 0.00, 0.35
HSL	253°, 22%, 55%
HSV	253°, 31%, 65%
XYZ	21.9728, 19.7928, 39.2215
YIQ	125.1030, -9.8150, 18.1930

# Conversions

## Conversions Part 2

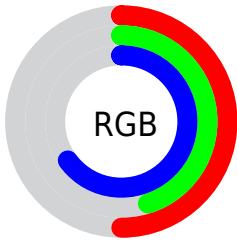
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	127, 116, 167
Decimal	8352935
CIE <sub>Lab</sub>	51.60, 15.48, -25.75
CIE <sub>LCh</sub>	52, 30.044, 301.014
Yxy	19.7928, 0.2713, 0.2444
Android (android.graphics.Color)	4286543015 (0xFF7F74A7)
YUV	125.1030, 20.6552, 1.6637
Hunter-Lab	44.4891, 10.3038, -21.1275

# Details

The Android color `4286543015` is a dark color, and the websafe version is hex `666699`. A complement of this color would be `4288456564`, and the grayscale version is `4286414205`.

A 20% lighter version of the original color is `4290095326`, and `4283253875` is the 20% darker color. If you saturate the color by 10%, you get `4285686695`, and if you desaturate by 10%, it is `4287399335`.

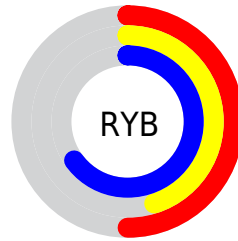
# Distribution



Red (50%)

Green (45%)

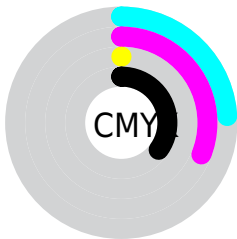
Blue (65%)



Red (50%)

Yellow (45%)

Blue (65%)

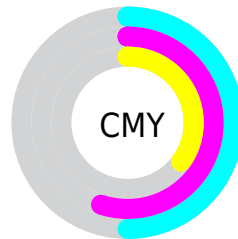


Cyan (24%)

Magenta (31%)

Yellow (0%)

Black (35%)



Cyan (50%)

Magenta (55%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286543015 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 4286543015 by changing the saturation by 10% instead.





4286543015



4286543015

4294967295



4284832652



4290095326



4283253875



4291871739



4281675354



4293779455



4280097090



4294966527



4278845484



4278190359



4278190080



4286543015



4286543015



4285686695



4287399335

4284830631

4288255399

4283974311

4289111719

4283117991

4289968039

4282261927

4290824103

4281340071

4291745959

4280549543

4292602279

4293458599

4294311847

# Harmonies

## Analogous

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



4283923886



4286543015



4288441236

# Triad

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



4286543015



4288704847



4281174395

# Complementary

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



4286543015



4288456564

# 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.



4283532897



4286543015



4287330887

# Square

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



4286543015



4289489250



4285563214



4278552725

# Rectangle

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



4286543015



4289226884



4285563214



4282026098



# Sweetspot

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



4286543015



4291413465



4285832615



4284768878



4293783021



4285427310



# Same Dimension

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



4286543015



4288317913



4288181415



4283321428



4280287380



4278452244



# Inverse Universe

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



4289164444



4292446663



4286818164



4283714642



4287889524



4279500816



# Previews

## White Background



This preview shows how the Android color 4286543015 looks on a white background.

## Color Contrast Check

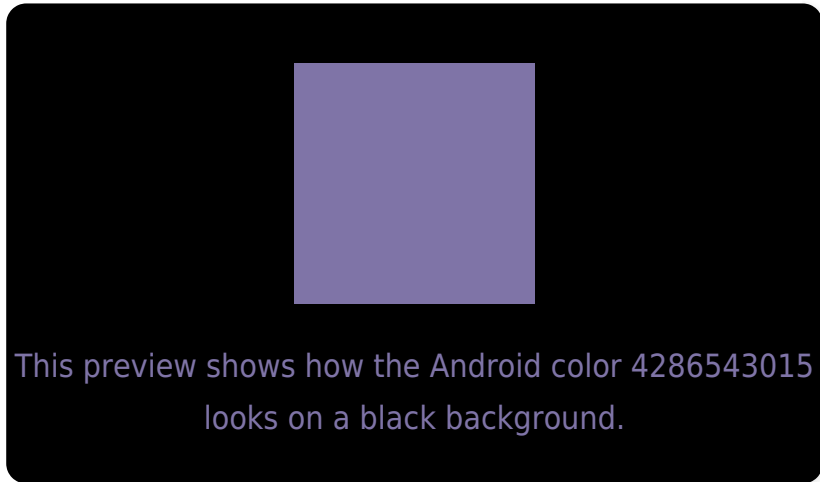
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



## 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 4286543015 Background



This preview shows how black text looks on a background with the Android color 4286543015.



This preview shows how white text looks on a background with the Android color 4286543015.

# 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**

4286543015

**Protanopia**

4285299115

**Deuteranopia**

4285495718



# Trichromacy



**Original Color**  
4286543015

**Protanomaly**  
4285757354

**Deuteranomaly**  
4285888422

**Tritanomaly**  
4286281873

# Monochromacy



**Original Color**  
4286543015

**Achromatopsia**  
4286414205

**Achromatomaly**  
4286478988

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286543015 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(127, 116, 167)` looks like.

```
.text, #text, p{  
    color:rgb(127, 116, 167)  
}
```

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(127, 116, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 116, 167) }
```

## Border

The CSS property to change the border of an element to Android 4286543015 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(127, 116, 167) }
```

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

```
.border{ border-color:rgb(127, 116, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 116, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 116, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 116, 167);  
box-shadow:4px 4px 4px 4px rgb(127, 116,  
167) }
```

# Background

The CSS property to change the background color of an element to Android 4286543015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 116, 167) }
```

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

```
.background{ background-color: rgb(127,  
116, 167) }
```

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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