

# Converting Colors

Android(4286735248)

Have a look what the booklet for  
Android(4286735248) contains.

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# Color

**Android(4286735248)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	826390
RGB	130, 99, 144
RGB Percent	51%, 39%, 56%
CMY	0.4902, 0.6118, 0.4353
CMYK	0.10, 0.31, 0.00, 0.44
HSL	281°, 19%, 48%
HSV	281°, 31%, 56%
XYZ	18.7018, 15.6831, 28.4270
YIQ	113.3990, 4.0310, 20.5670

# Conversions

## Conversions Part 2

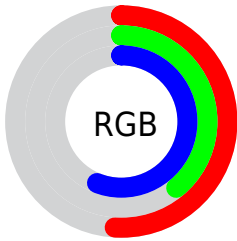
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">130, 99, 144</a>
Decimal	<a href="#">8545168</a>
CIELab	<a href="#">46.56, 21.18, -19.97</a>
CIElCh	<a href="#">47, 29.110, 316.680</a>
Yxy	<a href="#">15.6831, 0.2977, 0.2497</a>
Android (android.graphics.Color)	<a href="#">4286735248 (0xFF826390)</a>
YUV	<a href="#">113.3990, 15.0863, 14.5591</a>
Hunter-Lab	<a href="#">39.6019, 14.9923, -14.8381</a>

# Details

The Android color `4286735248` is a dark color, and the websafe version is hex `996699`. A complement of this color would be `4285632611`, and the grayscale version is `4285624689`.

A 20% lighter version of the original color is `4290221766`, and `4283446365` is the 20% darker color. If you saturate the color by 10%, you get `4286469520`, and if you desaturate by 10%, it is `4287000976`.

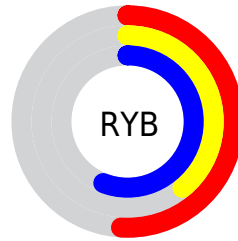
# Distribution



Red (51%)

Green (39%)

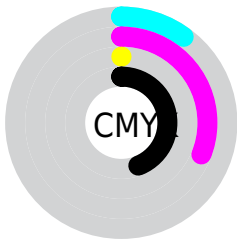
Blue (56%)



Red (51%)

Yellow (39%)

Blue (56%)

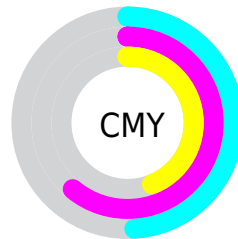


Cyan (10%)

Magenta (31%)

Yellow (0%)

Black (44%)



Cyan (49%)

Magenta (61%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286735248 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 4286735248 by changing the saturation by 10% instead.





4286735248



4286735248

4294967295



4285025142



4290221766



4283446365



4292063714



4281867846



4293971199



4280420399



4294961663



4278190106



4278190080



4286735248



4286735248



4286469520



4287000976



4286138000



4287332496

 4285872272

 4287598224

 4285540752

 4287929744

 4285275024

 4288195472

 4284943760

 4288526736

 4284678288

 4288792720

 4289123984

 4289389968

# Harmonies

## Analogous

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



4284574877



4286735248



4288109690

# Triad

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



4286735248



4287129919



4278352763

# Complementary

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



4286735248



4285632611

# 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.



4281629538



4286735248



4285624639

# Square

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



4286735248



4288176460



4283791180



4278221201

# Rectangle

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



4286735248



4288502634



4283791180



4279794547



# Sweetspot

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



4286735248



4290095546



4284707216



4284175454



4292796126



4284374622



# Same Dimension

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



4286735248



4288967610



4287652744



4282728519



4284285063



4278517768



# Inverse Universe

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



4287652721



4290409353



4284715115



4282859586



4287037482

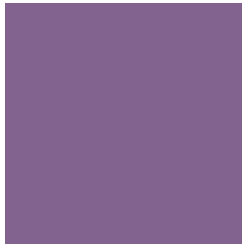


4278714370



# Previews

## White Background



This preview shows how the Android color 4286735248 looks on a white background.

## Color Contrast Check

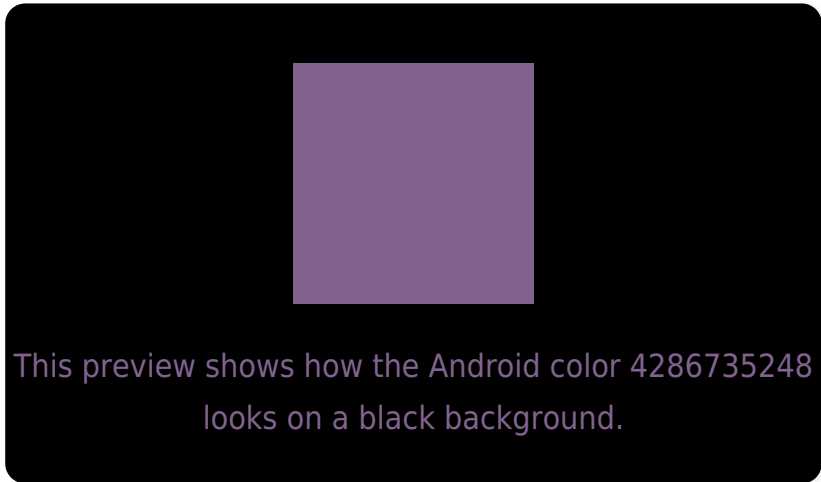
Large Text (above 18pt) WCAG AA ✓ Pass

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

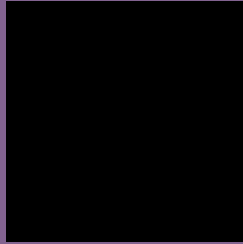
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4286735248 Background



This preview shows how black text looks on a background with the Android color 4286735248.



This preview shows how white text looks on a background with the Android color 4286735248.

# 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**


4286735248

**Protanopia**

4284640664

**Deuteranopia**

4285099406



**Tritanopia**  
4286409073

# Trichromacy



**Original Color**  
4286735248

**Protanomaly**  
4285426069

**Deuteranomaly**  
4285688207

**Tritanomaly**  
4286539644

# Monochromacy



**Original Color**  
4286735248

**Achromatopsia**  
4285624689

**Achromatomaly**  
4286016636

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286735248 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(130, 99, 144)` looks like.

```
.text, #text, p{  
    color:rgb(130, 99, 144)  
}
```

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(130, 99, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 99, 144) }
```

## Border

The CSS property to change the border of an element to Android 4286735248 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(130, 99, 144) }
```

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

```
.border{ border-color:rgb(130, 99, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 99, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 99, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 99, 144);  
box-shadow:4px 4px 4px 4px rgb(130, 99,  
144) }
```

# Background

The CSS property to change the background color of an element to Android 4286735248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 99, 144) }
```

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

```
.background{ background-color: rgb(130, 99,  
144) }
```

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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