

# Converting Colors

Android(4286919312)

Have a look what the booklet for  
Android(4286919312) contains.

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# Color

**Android(4286919312)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	853290
RGB	133, 50, 144
RGB Percent	52%, 20%, 56%
CMY	0.4784, 0.8039, 0.4353
CMYK	0.08, 0.65, 0.00, 0.44
HSL	293°, 48%, 38%
HSV	293°, 65%, 56%
XYZ	15.8475, 9.2814, 27.3418
YIQ	85.5330, 19.2940, 46.8300

# Conversions

## Conversions Part 2

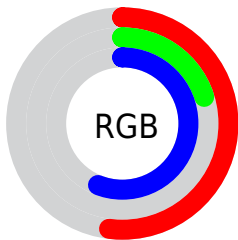
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">133, 50, 144</a>
Decimal	<a href="#">8729232</a>
CIELab	<a href="#">36.52, 48.82, -35.63</a>
CIELCh	<a href="#">37, 60.434, 323.878</a>
Yxy	<a href="#">9.2814, 0.3020, 0.1769</a>
Android (android.graphics.Color)	<a href="#">4286919312 (0xFF853290)</a>
YUV	<a href="#">85.5330, 28.8242, 41.6286</a>
Hunter-Lab	<a href="#">30.4653, 39.5381, -31.8854</a>

# Details

The Android color **4286919312** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **4282224690**, and the grayscale version is **4283782485**.

A 20% lighter version of the original color is **4290602694**, and **4283433053** is the 20% darker color. If you saturate the color by 10%, you get **4286784656**, and if you desaturate by 10%, it is **4287053968**.

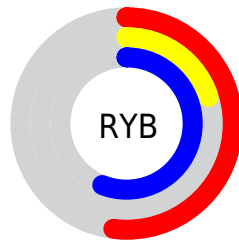
# Distribution



Red (52%)

Green (20%)

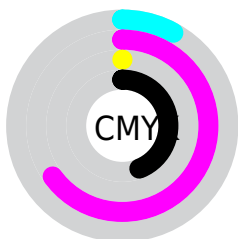
Blue (56%)



Red (52%)

Yellow (20%)

Blue (56%)

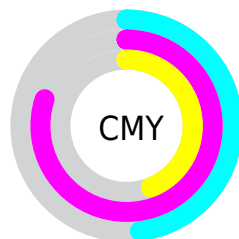


Cyan (8%)

Magenta (65%)

Yellow (0%)

Black (44%)



Cyan (48%)

Magenta (80%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286919312 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 4286919312 by changing the saturation by 10% instead.





4286919312



4286919312

4294967295



4285142390



4290602694



4283433053



4292444643



4281729093



4294352127



4280221742



4294949119



4278190360



4294956287



4278190080



4294963711



4286919312



4286919312



4286784656



4287053968

■ 4286715280

■ 4287123344

■ 4286580624

■ 4287258000

■ 4286513296

■ 4287392912

■ 4287462032

■ 4287596688

■ 4287731600

■ 4287800720

■ 4287935632

# Harmonies

## Analogous

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



4281683632



4286919312



4289008226

# Triad

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



4286919312



4285681664



4278217596

# Complementary

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



4286919312



4282224690

# 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.



4278217290



4286919312



4282670848

# Square

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



4286919312



4287904256



4278216213



4278216868

# Rectangle

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



4286919312



4289270338



4278216213



4278217580



# Sweetspot

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



4286919312



4290155962



4281483152



4284237918



4292796126



4284374622



# Same Dimension

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



4286919312



4289276346



4287640174



4282859591



4285988999



4278648840



# Inverse Universe

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



4287640125



4290390330



4281503828



4282859585



4287037456



4278714369



# Previews

## White Background



This preview shows how the Android color 4286919312 looks on a white background.

## Color Contrast Check

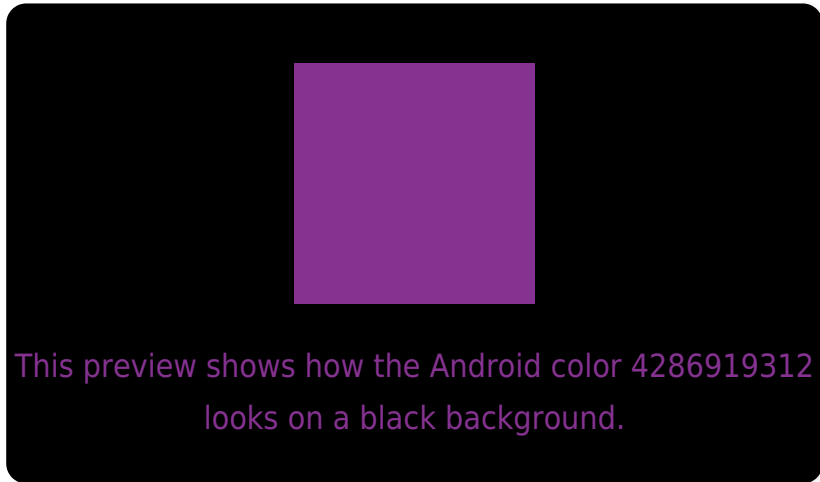
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 4286919312 Background



This preview shows how black text looks on a background with the Android color 4286919312.



This preview shows how white text looks on a background with the Android color 4286919312.

# 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**  
4286919312



**Protanomaly**  
4281944229



**Deuteranomaly**  
4283779724



**Tritanomaly**  
4286529381

# Monochromacy



**Original Color**  
4286919312



**Achromatopsia**  
4283848278



**Achromatomaly**  
4284959083

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286919312 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(133, 50, 144)` looks like.

```
.text, #text, p{  
    color:rgb(133, 50, 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(133, 50, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 50, 144) }
```

## Border

The CSS property to change the border of an element to Android 4286919312 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(133, 50, 144) }
```

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

```
.border{ border-color:rgb(133, 50, 144) }
```

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

Here you see how a box with a 4 pixel rgb(133, 50, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 50, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 50, 144);  
box-shadow:4px 4px 4px 4px rgb(133, 50,  
144) }
```

# Background

The CSS property to change the background color of an element to Android 4286919312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 50, 144) }
```

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

```
.background{ background-color: rgb(133, 50,  
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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