

# Converting Colors

Android(4286844351)

Have a look what the booklet for  
Android(4286844351) contains.

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**Color**

**Android(4286844351)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	840DBF
RGB	132, 13, 191
RGB Percent	52%, 5%, 75%
CMY	0.4824, 0.9490, 0.2510
CMYK	0.31, 0.93, 0.00, 0.25
HSL	280°, 87%, 40%
HSV	280°, 93%, 75%
XYZ	19.0636, 8.9550, 50.0139
YIQ	68.8730, 13.7860, 80.5860

# Conversions

## Conversions Part 2

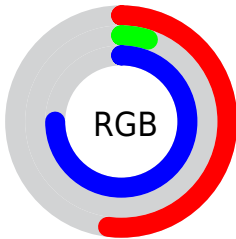
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	132, 13, 191
Decimal	8654271
CIE <sub>Lab</sub>	35.90, 68.98, -64.84
CIE <sub>LCh</sub>	36, 94.670, 316.775
Yxy	8.9550, 0.2443, 0.1148
Android (android.graphics.Color)	4286844351 (0xFF840DBF)
YUV	68.8730, 60.2086, 55.3624
Hunter-Lab	29.9249, 61.3448, -78.1450

# Details

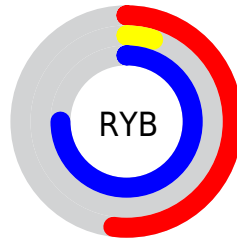
The Android color **4286844351** is a dark color, and the websafe version is hex **9900CC**. A complement of this color would be **4282957581**, and the grayscale version is **4282664004**.

A 20% lighter version of the original color is **4290663160**, and **4283039880** is the 20% darker color. If you saturate the color by 10%, you get **4286578879**, and if you desaturate by 10%, it is **4287242431**.

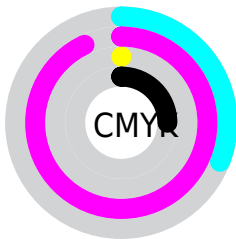
# Distribution



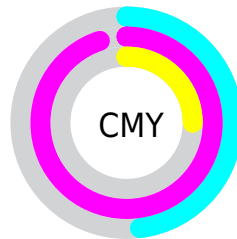
- Red (52%)
- Green (5%)
- Blue (75%)



- Red (52%)
- Yellow (5%)
- Blue (75%)



- Cyan (31%)
- Magenta (93%)
- Yellow (0%)
- Black (25%)



- Cyan (48%)
- Magenta (95%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286844351 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 4286844351 by changing the saturation by 10% instead.





4286844351



4286844351

4294967295



4284940451



4290663160



4283039880



4292636415



4281008238



4294609663



4278321237



4294944511



4278190140



4294951935



4278190629



4294959359



4278190350

4294967039



4278190080



4286844351



4286844351

■ 4286578879

■ 4287242431

■ 4287706047

■ 4288104127

■ 4288502207

■ 4288966079

■ 4289364159

■ 4289762239

■ 4290225855

■ 4290623935

# Harmonies

## Analogous

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



4278211307



4286844351



4290969721

# Triad

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



4286844351



4286792960



4278218623

# Complementary

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



4286844351



4282957581

# 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.



4278218030



4286844351



4282342912

# Square

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



4286844351



4289986560



4278216960



4278218949

# Rectangle

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



4286844351



4291690568



4278216960



4278218597



# Sweetspot

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



4286844351



4292915959



4279060671



4285485693



4294769916



4286414205



# Same Dimension

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



4286844351



4289003767



4290710945



4284175710



4285137054



4279500831



# Inverse Universe

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



4290710856



4294377554



4279090987



4284372312



4288544820



4280221706



# Previews

## White Background



This preview shows how the Android color 4286844351 looks on a white background.

## Color Contrast Check

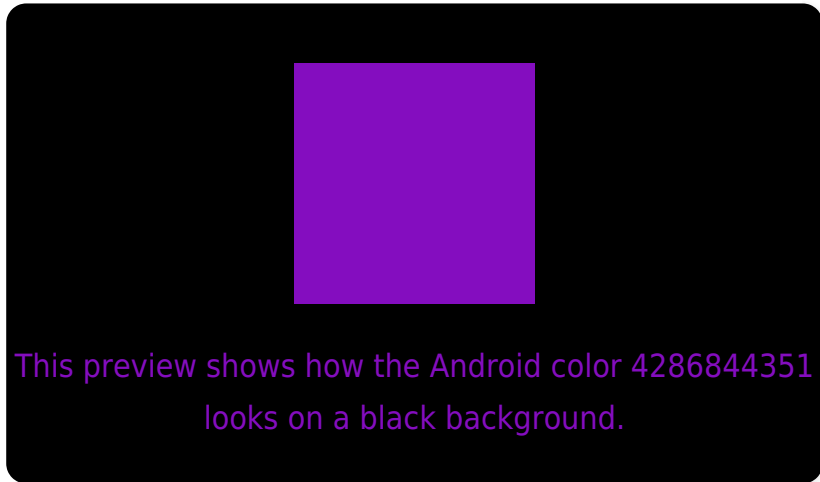
Large Text (above 18pt) WCAG AA ✓ Pass

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

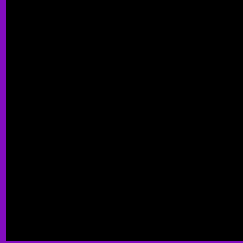
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4286844351 Background



This preview shows how black text looks on a background with the Android color 4286844351.



This preview shows how white text looks on a background with the Android color 4286844351.

# 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**  
4286844351

**Protanopia**  
4278211503

**Deuteranopia**  
4278212759



# Trichromacy



**Original Color**  
4286844351



**Protanomaly**  
4281350837



**Deuteranomaly**  
4281351590



**Tritanomaly**  
4286067833

# Monochromacy



**Original Color**  
4286844351



**Achromatopsia**  
4282729797



**Achromatomaly**  
4284232049

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286844351 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(132, 13, 191)` looks like.

```
.text, #text, p{  
    color:rgb(132, 13, 191)  
}
```

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(132, 13, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 13, 191) }
```

## Border

The CSS property to change the border of an element to Android 4286844351 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(132, 13, 191) }
```

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

```
.border{ border-color:rgb(132, 13, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 13, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(132, 13, 191); -webkit-box-shadow:4px 4px 4px 4px rgb(132, 13, 191); box-shadow:4px 4px 4px 4px rgb(132, 13, 191) }
```

# Background

The CSS property to change the background color of an element to Android 4286844351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 13, 191) }
```

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

```
.background{ background-color: rgb(132, 13,  
191) }
```

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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